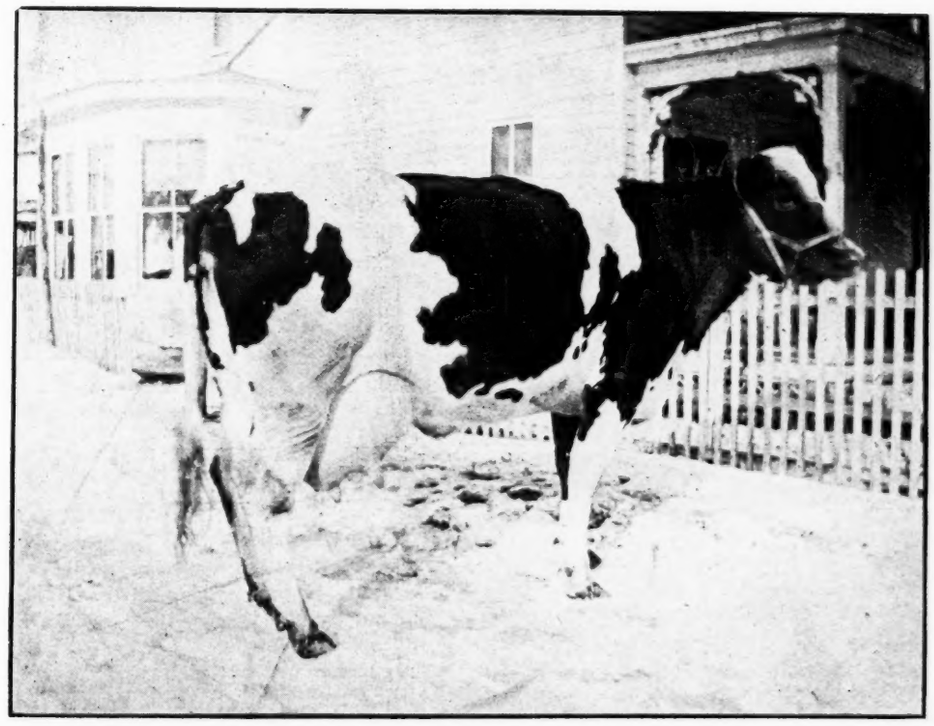
HOLSTEIN-FRIESIAN WORLD

VOL. IV. ITHACA, NEW YORK, FEBRUARY 8, 1907. No. 3.



AAGGIE CORNUCOPIA PAULINE,
AGE WHEN RECORD WAS MADE, 4 Y., 11 M., 4 D. FAT 27.459 LBS. FROM 659.2 LBS.
MILK IN SEVEN DAYS; 110.093 LBS. FAT FROM 2,640.3 LBS. MILK IN 30 DAYS.
OWNED BY D. W. & F. F. FIELD, BROCKTON, MASS.

THE BLOOMINGDALE HERD

Is the Home of over One Hundred Head of Registered Holstein-Friesian Cattle.

ANY ONE WISHING TO BUY AN EXTRA QUALITY OF HIGH-CLASS HOLSTEINS OF EITHER SEX

Or any age will be able to select from this herd something that will please him both in quality and price.

A. A. CORTELYOU, Somerville, N. J.

Breeders' Directory.

If your subscription is paid in advance your herd will be published in this directory at $1.00 per year.

CALIFORNIA.

Pierce Land and Stock Co., Riverside Herd, W. C. Hunt, Manager, Stockton, San Joanquin county.

MASSACHUSETTS.

Edgelake Farm Herd, B. W. Potter & Son, Rutland, Worcester county.

Highlawn Farm Herd, F. P. Knowles Auburn, Worcester county.

Woodside Farm Herd, John B. Marcou, Princeton, Worcester county.

MICHIGAN.

Sexton's Herd, W. K. Sexton, Howell, Livingston county.

MISSOURI.

Grand River Herd, B. L. Bean, Cameron, Clinton county.

Hillcrest Farm Herd, Geo. C. Mosher, Kansas City, Jackson county.

NEBRASKA.

Rock Brook Farm, H. C. Glissmann, Sta. B., R. F. D. Omaha.

NEW JERSEY.

Bloomingdale Herd, A. A. Cortelyou, Somerville, Somerset county.

NEW YORK.

Sunrise Herd, Ralph Corbin, Bainbridge, Chenango county.

Corning Herd, L H. Corning, Cortland, Cortland county.

Davis Brothers' Herd Davis Bros., Clifford, Oswego county.

Crown Herd, I. J. Foster, Cortland, Cortland county.

Maple Lawn Herd, Lawrence L. Grow, Ft. Jackson, St. Lawrence county.

Pleasant Valley Stock Farm, C. F. Hunt, Manlius, Onondaga county.

Lewis's Herd, Harris Lewis, Norwich, Chenango county.

Success Stock Farm, H. Mason Knox, Canton, St. Lawrence county.

Lakeland Herd, Wing R. Smith, Syracuse, Onondaga county.

Pleasant View Farm Herd, J. A Stanton, New Woodstock, Madison county.

Brookside-Moyerdale Herd. The Stevens Brothers-Hastings Co., Lacona.

Cleverlands Farm Herd, E. M. West, Reber, Essex county.

Otselic Stock Farm, Isaac Dalrymple, Otselic, Chenango county.

PENNSYLVANIA.

Springdale Herd, H. M. Lyon & Sons, Wyalusing, Bradford county.

VERMONT.

Cloverdale Farm Herd, J. G. White & Son, Brandon, Rutland county.

VIRGINIA.

Hygeia Farm, Samuel Adams Robinson, M. D., Covesville, Albermarle county.

DID YOU EVER

Own a cow that dropped a healthy, vigorous calf in her nineteenth year? Did you ever know a cow that made over 25¾ lbs. of butter in seven-day official test, had FOUR A. R. O. daughters, EACH with a record of over 20 lbs. of butter in seven days, and also had a son that sired a 31½ lb. 4-year-old?

BELLE KORNDYKE has done all these things! Come and see her and her last bull calf at the

HENRY STEVENS & SON,

BROOKSIDE STOCK FARMS, Lacona, N. Y.

N. B.—We are using two sons of her best daughers in our herd. Cows and heifers bred to these great bulls, to De Kol 2d's Butter Boy 2d, or to the imported bull Karel Bos (who is backed by the largest authenticated Holland records) for sale.

Stock of all ages, both sexes. Single or carload lots. Prices reasonable.

Yearlings and Calves of the highest breeding, from A. R. O. dams, many of which are daughters of Pietertje Hengerveld's Count De Kol, who now has sixty-four A. R. O. daughters. Come and see them or write and I will send pedigrees. Offices 37 & 38 Wieting Block, Syracuse, N. Y. **WING R. SMITH.**

A Few Very Choice Bull Calves

Bull born December 9, 1905, sire, Aaggie Cornucopia Johanna Lad, sire of the $10,000 bull whose dam has 34.31 lbs. butter in 7 days, dam Small Hopes Aaggie De Kol 2d, A. R. O. record, milk 450.4, butter 17.661 lbs. in 7 days at 3 years. A fine individual. Write for Prices.

A. W. BROWN, Unadilla Forks, N. Y.

To Holstein-Friesian Stock Breeders

When you want a first-class Cut made of your Prize Cow, Bull or Herd, it will pay you to send your photo to the ITHACA PUBLISHING CO. ENGRAVING DEPT.

MAIL ORDERS PROMPTLY FILLED

PREVENTINE

The only remedy guaranteed to prevent abortion in cows and scours in young calves. Used with success for years in leading Holstein herds. Under a positive guarantee.

THE STEVENS BROTHERS-HASTINGS CO.,

(The Holstein Breeders) **Lacona, Oswego Co., N. Y.**

Cloverdale Farm, Brandon, Vt., Aug. 7, 1905.

Dear Sir:—Three years ago we lost three calves of abortion, and sent the next year and got a gallon of your PREVENTINE and used according to directions, and haven't lost another calf. One of our neighbors lost several last winter. We got some for him, and they haven't lost any more. It is the best fly remedy we ever used. Yours truly,

J. G. WHITE & SON.

Holstein-Friesian World.

VOL. IV. ITHACA, NEW YORK, FEBRUARY 8, 1907. No. 3.

CONTENTS.

Frontispiece—Aaggie Cornucopia Pauline
Breeders' Directory..... 46
H.-F. Association Directory..... 47
President's Address at the Meeting of the Missouri State Dairy Association..... 47
A Susquehanna Co. H.-F. Breeders' Association..... 48
Illustration—Pietji 22d..... 48
A Good Word for Skim Milk..... 49
Illustration—Pontiac Rag Apple.... 49
Meeting of the State Dairy Association at Columbia, Mo..... 50
FIELD NOTES..... 51
Illustration—Ybma 3d's Pledge Clothilde..... 51
Report of the Ontario Agricultural College Herd..... 52
Annual Meeting of the H.-F. Association of Michigan..... 52
BREEDERS' BULLETIN BOARD:
Woodcrest Farm..... 53
Brookside Stock Farm..... 53
Fairview Farm..... 53
A New Hampshire Breeder..... 53
Greenwood Herd..... 55
Annandale Farm Sale..... 55
NUGGETS..... 53
EDITORIALS:
Dr. Gilbert's Paper..... 54
Individual Liberty..... 54
New Advertisements..... 54
Summary of Official Records from Dec. 27 to Jan. 16..... 58
HOME CIRCLE
Poem—When the Clouds Roll By.. 59
Selections..... 59
Conscript of 1813..... 59
OFFICIAL RECORDS—Dec. 27 to Jan. 16..... 60
TRANSFERS—From week ending Dec. 15 to week ending Jan. 12, inclusive.

HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA.

DIRECTORY.

President,
O. U. KELLOGG, Cortland, N. Y.
First Vice-President,
W. A. MATTESON, Utica, N. Y.
Second Vice-President,
FRANK B. FARGO, Lake Mills, Wis.
Third Vice-President,
R. M. HOTALING, San Francisco, Cal.
Fourth Vice-President,
F. P. KNOWLES, Auburn, Mass.
Treasurer,
WING R. SMITH Syracuse, N. Y.
Secretary,
FREDERICK L. HOUGHTON, Brattleboro, Vt.
Superintendent of Advanced Registry,
MALCOLM H. GARDNER, Delevan, Wis.
Directors,
T. A. MITCHELL, Weedsport, N. Y.
A. A. CORTELYOU, Somerville, N. J.
ELDON F. SMITH, Columbus, Ohio.
W. B. BARNEY, Hampton, Ia.
A. W. BROWN, Unadilla Forks, N. Y.
W. J. GILLETT, Rosendale, Wis.

Fees for Registry:

Members' Fees, Males, $2.00; Females, $1.00; Males over one year of age, $4.00; Females over one year of age, $2.00.

Non Members' Fees: Males, $4.00; Females, $2.00; Males over one year of age, $8.00; Females over one year of age, $4.00.

Fees for Transfers.

Members' Fees, 25 cents; after six months from date of sale, 50 cents.

Non Members' Fees, 50 cents; after six months from date of sale, $1.00.

Life Membership, $25.

Advanced Registry and Official Testing in charge of Superintendent as above.

Address of Geo. C. Mosher of Kansas City, Mo., President of the State Dairy Association, at Their Annual Meeting at at Columbia, Mo., Jan. 10, 1907.

Gentlemen of the Missouri State Dairy Association:

The seventeenth annual meeting of our organization finds us in the most gratifying environment as compared with the past.

We are beginning a New era, this being the first meeting under auspices which ally us with the other great Agricultural and Breeders' Associations of the State, and thus draws more attention to the dairy industry in the position it must occupy in our State as land gradually becomes higher priced and farms cut up into smaller tracts. The experience of Missouri in the raising of cattle has been always along beef lines. As one gentleman recently expressed it, every effort was made to get fat on the animal. Any cow that could have a calf was considered good enough to give milk. A good illustration of this is given in Professor Fraser's object lesson weher he shows 19 good dairy cows worth 1900 of the kind which give only enough milk to pay for their feed; or as has been shown in Hoard's Dairyman cow census, many of these cows being fed at an actual loss to the owner, not counting the value of his time in care of his herd nor the investment in the cows. A most lamentable picture.

I believe one of the greatest boons to the farmer is the Experiment Station and the institute work under its direction. We have the men in Missouri who are doing this great work of building up our agricultural wealth until she is an Empire beyond question. Take the matter of corn breeding and selection. If followed out intelligently, it is not such a burdensome task! yet if each farmer will adopt this system, it will add millions to our annual corn crop. The same statement applies to the work Professor Ellis and Dean Waters are doing along lines of stock breeding, and our own Professor Eckles, in the dairy division, is undoubtedly adding to the worth of our herds of dairy cows by advice in breeding and feeding, which is hard to appreciate. unless one follows the history of the work, which has been done.

The intelligent and painstaking care which Dr. Luckey, our State Veternarian, has exercised will minimize and finally, practically eliminate tuberculosis from Missouri herds.

The good roads propaganda is a child of the Experiment Station, and bids fair to have a vigorous and valuable development. It is a pardonable pride that points to these great movements in Missouri.

We have been working for years as a separate entity. Now, we come in close touch with the other great lines of modern farming industry, and the result must be an increased impetus to all branches of agriculture.

It is not out of place at this juncture to express our appreciation of the great good fortune we have in the eminent gentlemen who have given their time, and who will devote their valuable thought to our advancement in the program to be enjoyed at this meeting.

The Dairy Division of the National Department of Agriculture has been most generous, and year after year, sends of its best to our meetings, this year, Professor White, one of the practical scientists of the dairy world. Not the least entitled to our thanks is the great dairy and agricultural press, which sends the lectures and teachings of all the best minds to every corner of the State. No dairyman can hope to succeed, unless he takes and reads these most valuable newspapers. They are the encyclopedia of knowledge of dairying.

The dairy industry in Missouri is fast assuming the importance to which it is entitled. This statement has reference to the various points where improvement has been wanting; a larger investment in dairy equipment; beter dairy cattle; higher type of finished product; and to the farmer, a better price for his goods.

Why should Missouri be paying out $2,000,000 surplus to other states for her milk, butter and cheese. There is no better pasture in the world than our blue grass, and in the center of the corn belt, we have

ensilage produced at the minimum cost per ton.

The making of ensilage in Missouri is a new method of feed supply. Naturally, it is looked on with some degree of question until its value is more thoroughly established. Who would need argument, if he were to realize that the chopped corn stalk has more feeding value than any roughage except alfalfa, and it is to be had at a cost of $1.25 to $2.00 per ton in the silo. This year in particular, when hay is selling at $10 to $16 per ton, it takes very little arithmetic to settle in the minds of the average man, what is the profitable feed.

The price of mill feeds is less by 1-3 than the dairymen in New England pay. We have the market within our own borders. "Every prospect pleases." There remains to be accomplished only the education of our people to realize how valuable an heritage is being wasted in the overlooking of these great opportunities. On the high priced land in Holland, the dairy farmer has made fortunes which are proverbial. No doubt the same condition prevails in the channel islands. We have thousands of acres of rich pasture land, which could be brought to return big yields of profit, if put to use in raising dairy stock.

The advent of the great creamery concerns, with their agents ready to take cream at the door and return a monthly check to the farmer, reduces his otherwise precarious financial business outlook, to a system, which give him ready cash to meet his obligations, and a margin to add to that received from the sale of surplus farm products at the end of the year.

In the vicinity of the great cities of the state, the opportunity to participate in the higher priced market for commercial milk and sweet cream, should make every small farmer essentially a dairy farmer, and only incidentally a general farmer. In other words, his success will lie in his being able to feed his crops and turn them into milk and butter; the by-product, the skim-milk being converted into pork and veal, rather than to strip the farm each fall of its earned reward. The economic saving of the fertilizer contained in the manure of a herd of dairy cows will in many cases decide the chances between failure and success in farm operations.

These statements, it is realized, are not new. They are none the less valuable because of this, because the truth is always mighty and never loses interest in being kept before us.

We have many reforms to work out aside from the problems of balanced ration and season for breeding cows. The advantages of clean barns, clean cows, and pure water supply.

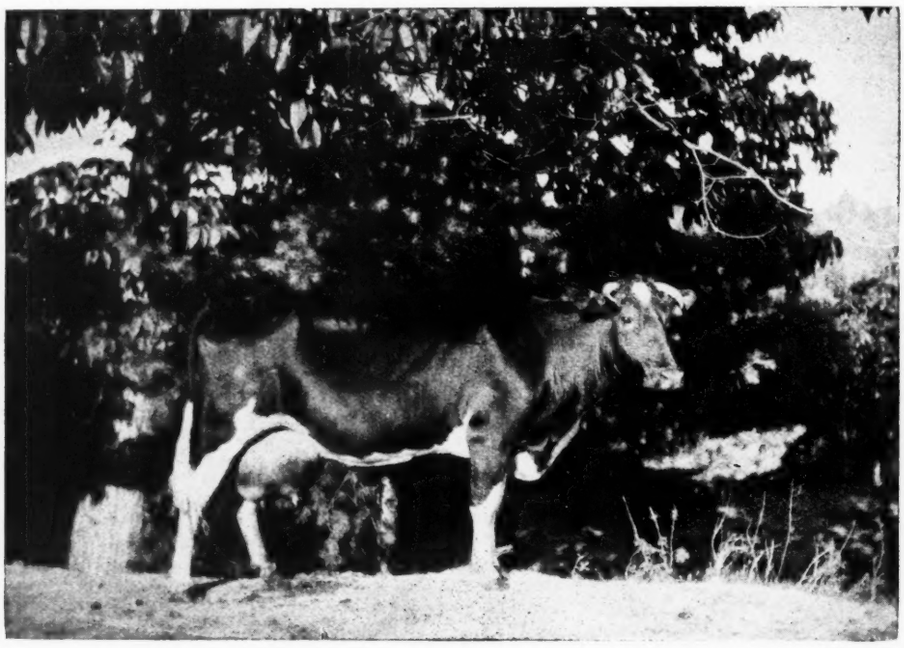
We would look to the State Legislature for help in many lines. We want changes in the dairy laws; in the laws with reference to the sale of artificial substitutes for dairy products; for the prevention of adulteration of our output after it leaves the farm in a pure state.

We want a fair and reasonable standard for fat and solids in milk. The Pure Food laws will harm no honest producer. It has raised the retail price of commercial milk in Kansas City to 8 cents. The farmer should have his equitable share of this increased price for his wares.

The subject of sanitary milk has received, through the press of Missouri, more attention than it ever before could boast. Keep up the agitation until every consumer is educated to demand better milk, but to realize that for a high class article, he must pay an increased price sommensurate with the increased expense of production.

In closing, may I express my profound thanks to the Association for conferring on me, the undeserved honor of being its President during the year just closing.

I look forward to the new administration, taking up the work with industry and enthusiasm, which will show 1907 the grandest year in our history. I am sure the present meeting will be one of much value, and an inspiration to every member to do his share to make Missouri the greatest dairy state.



PIETJE 22d (IMPORTED.)
25,295 lbs. fat from 673.9 lbs. milk. 102.7 lbs. fat from 2,786.4 lbs. milk in 30 days.
Owned at Woodcrest Farm, Rifton, N. Y.

A Susquehanna County H.-F. Breeders' Association.

In response to a call there was a meeting of the breeders of Holstein cattle, at the Court House, Montrose, Pa., Jan. 29, 1907. The following breeders were present: H. R. Decker, So. Montrose; John H. Mitchell, Springville; James Bunnell, S. Montrose; F. S. Wells, So. Mont-

rose; B. F. Jones, So. Montrose; Frank Resseguie, So. Gibson; Thos Mahaney, Lawsville; W. C. Cruser, Montrose; George S. Frink, Montrose; W. E. Taylor, Lynn; J. H. Corwin, F. E. Bennett, E. F. Button, Montrose; J. D. Miller, Susquehanna; A. L. Harrington, J. R. Beebe, D. T. Brewster, Montrose; James Van Auken, Brooklyn; F. R. Jones, Montrose; Chas. Stephens, Ringsley; F. A. Davies, Montrose; H. G. Lake, South Montrose; Albert Jones, Middletown; C. H. Van Auken, Hop Bottom; M. S. Allen, Montrose.

On motion, W. C. Cruser was chosen chairman, and B. F. Jones, Secretary. After considerable discussion it was moved that a Holstein Breeders' Association, of Susquehanna County, Pa., be formed, which motion was carried, after a timely discussion, by several breeders.

One man said: "If I had borrowed money at 10 per cent. and bought pure bred Holstein a few years ago, I would now have been a good deal of money ahead; I didn't buy because their cost seemed to be high; I see my mistake now, and mean to remedy it."

Another said: "A spotted cow, even though a low grade, will out sell any other color." The public want spotted cattle because they are popular and getting more so every day."

During informal talk it developed that the first Holstein brought into Susquehanna county were by J. R. Beebe, about 1885. Messrs. Schoonmaker, of Auburn; D. R. Pope, of Lanesboro; F. S. Wells, of Bridgewater, and Baker Bros., of Dimock, making purchases shortly after.

Remarks were made by nearly every one present. On motion it was decided to appoint a committee of three on permanent organization, the same to report at a future meeting, and the three appointed for this purpose were: F. I. Lott, B. F. Jones and D. T. Brewster.

On motion of F. I. Lott, adjourned to Tuesday, Feb. 12, at 1 o'clock sharp.

This was a very enthusiastic meeting, and a full attendance is desired at next meeting for election of officers and discusion of plans. Come whether you breed pure-bred Holsteins, or grades.

B. F. JONES, Sec'y.
—Montrose Democrat.

"Man's made," she mused, "of dust
they say;
The man I want is he
With sand enough to find a way
To make the dust for me."

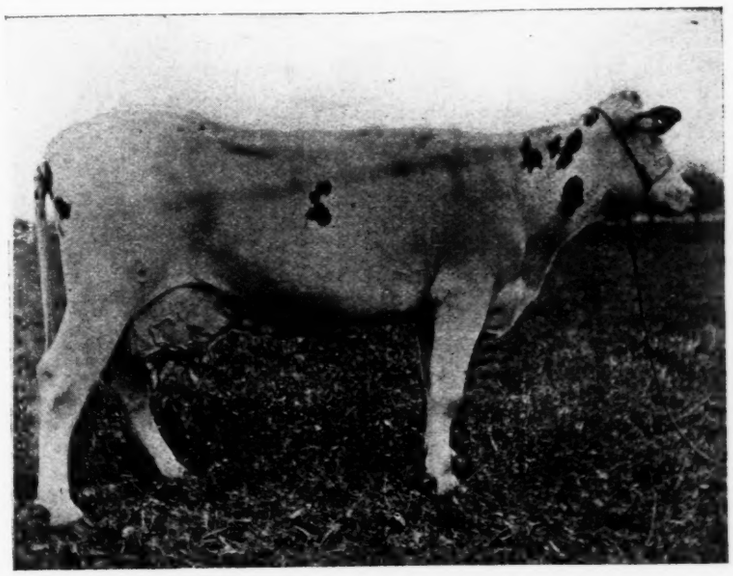
A Good Word for Skim Milk.

(From the Literary Digest, Dec. 15.)

Why should milk that contains much cream be accounted the best? Cream is only fat, and we do not rate the food-value of meats solely by the amount of fat that they include. Dr. J. A. Gilbert, writing in **The Medical Record** (New York), takes the view that this devotion to "rich" milk has no logical basis. In our earnest search after a fat milk, he says, we have probably gone to far. To quote from an editorial in **The Hospital** (London, November 17) which notes Dr. Gilbert's opinions appreciatively:

"The milk which is the richest in cream is not, therefore, the most nutritious, for the very simple reason that a rich milk is less easily digested and absorbed than a milk in which the fat percentage is low. As far as its other constituents are concerned, a milk poor in fat is as valuable a food as a milk rich in fat. The fat percentage, the popular standard by which milk is judged, is most valuable while the proportions of the albuminoids, sugars and salts vary but little in the different samples of milk. In other words, while the energy-producing and heat-giving qualities of the several kinds of milk may be great or little, the valuable proteid ingredients, which go to the building-up of the tissues—the prime property of any food—remain very much the same in all varieties of cow's milk. Thus a 'thin' milk is for all purposes, save for energy and heat production, as valuable a food as the so-called 'rich' milk. Indeed, it not infrequently happens, as the experimental feeding of young growing animals has shown, that a thin milk may prove, in the long run, more flesh-forming than a rich milk, inasmuch as the former is less liable to induce gastro-enteric disorders. Let us consider what this means. It means, first of all, that the enormous quantity of skim-milk produced in this country could be turned to more economical use than the feeding of animals or the manufacture of 'ivory' for table-knives and piano-keys. The despised skim-milk is a valuable article of food, capable of supplying many of the wants of the organism, and, from its lightness and digestibility, peculiarly suitable to those whose digestive powers are debilitated. It means, further, that buttermilk, which can be had for the asking almost everywhere in this country, is also a valuable food for men and women, altho at present utilized only to feed pigs. Surely, if he is esteemed the greatest benefactor to the race who can grow two grains of corn where only one grew before, in like manner honor should be paid him who rescues a waste-product and transforms it into a valued article of a nation's diet."

These considerations lead the writer also to doubt how far the popular preference for the Jersey cow is just. Certain Jersey cows give milk so rich that they can not suckle their own calves. Jersey milk is hard to digest, not only because of its high percentage of fat, but also because the fat globules are larger than those in the milk of other breeds. The Jersey cow is a delicate animal, highly strung, hard to rear, and difficult to handle, and were it



PONTIAC RAG APPLE
Age 4 y., 8 m., 15 d. 25.294 lbs. fat from 619.5 lbs. milk; 101.246 lbs fat from 2,574.6 lbs. milk in 30 days. Owned by D. W. & F. F. Field, Brockton, Mass.

ELMCO FEEDS

ONE PRICE

ONE STANDARD FOR QUALITY

Sold by analysis. . Guaranteed full weight packages.

Quotation No. F 1941. Date Feb. 4, 1907.

"ELMCO" Bran, -	in 200's, per ton,	$23.90
"ELMCO" Standard Middlings,	" " " "	23.90
"ELMCO" Fancy White Middlings,	" " " "	26.65
"ELMCO" Mixed Feed, -	" " " "	24.90
"ELMCO" Red Dog, -	in 140's " "	27.40

50 CENTS PER TON HIGHER IF PACKED IN 100 LB. SACKS

MARVEL Flour, Fancy Hard Spring Patent, in wood, per barrel, $5.10. Flour in packages other than wood at regular differentials.

Prices, F. O. B. La Crosse, Wis., based upon rate of freight ruling at time of sale La Crosse to Boston, Mass.

TERMS:—Net Cash. Draft payable on arrival of car at destination, no discount.

Telegrams of not over ten words containing orders may be sent at our expense. If message is longer than ten words kindly prepay charges on same. Quotations for carlots only and are subject to change without notice.

In writing or wiring about this quotation be certain to give both NUMBER and DATE of SAME. Write or wire to

LISTMAN MILL CO., Miller of Elmco Feeds,
LA CROSSE, WIS.

IN ANSWERING THIS ADVERTISEMENT MENTION THIS JOURNAL.

not for the fictitious value set upon rich milk, the farmer would probably rely on the more stable and hardy breeds, such as the Holsteins. To quote the writer's concluding paragraph:

"It may seem that this argument runs counter to that experience which has stamped itself upon the laws of this country in such fashion as to make the fat percentage the standard for the estimation of the purity of milk offered for sale. And it may be urged that if a thin milk were legally salable as 'unskimmed milk,' watering could never be detected. This objection, of course, leaves out of sight the fact that a watered milk presents a lowered proportion not only of its fat, but also of its other solids.

"At the same time we are of the opinion that public feeling is ripe for a radical change in the laws governing the dairy industry. The public should be protected against unscrupulous dealers, and, in addition to that very simple measure, there should be police supervision to provide against the purveying of a fluid called milk, no doubt, but bearing rather the character of sewage."

Meeting of the State Dairy Association at Columbia, Mo.

Editor H.-F. World:

An enthusiastic and satisfied gathering marked the 17th Annual Session of the Missouri State Dairy Association, which met at the State University, Columbia, January 10th and 11th. The attendance was the largest ever enjoyed by the Association.

The officers elected were as follows:

President, Geo. C. Mosher, Kansas City.

1st Vive-President, J. M. Smith, Brookfield.

2d Vice-President, Thomas Shields, Eureka.

Secretary, R. M. Washburn, Columbia.

Treasurer, Daivd Mathews, Kirksville.

The joint meetings of the Live Stock Breeders, Corn Breeders, and other associations added much to the general interest.

Among the committees' reports, that on resolutions asked for some needed legislative changes, and while a delegation from St. Louis proposed some amendments, these were voted down, and the resolutions of Mr. Chapman's committee adopted.

Prof. Oscar Erf exhibited the milking machines, operated by a Japanese student from Manhattan. The Kansas Station has just published a bulletin on the milking machine, which can be had for the asking.

Prof. D. R. White, of the Dairy Division at Washington, had a paper on Certified Milk, and showed some stereopticon pictures of Hillcrest and other sanitary dairy barns. The paper attracted a great deal of attention.

Dr. Luckey, State Veternarian, discussed tuberculosis in Missouri, and the means of stampeing it out. We have a very small percentage of affected herds.

Mr. C. D. Lyon, of Georgetown, Ohio, the veteran institute lecturer, gave a valuable paper on Dairy Farm Crops. Dean Waters, of Missouri, a night address on the Inevitableness of Dairy Farming. Hon. H. B. Gurler on Sanitary Milk.

Other addresses were by "Past Master" Marple, the eloquent creameery enthusiast of Chicago and St. Joseph; our very energetic and competent Dairy Commissioner, Prof. Washburn; Secy. Ellis, of the State Board, who is one of the good friends of the Dairy Association; and a number of experts in dairy subjects.

A grand banquet to all the State Associations; Corn Breeders, Live Stock Breeders, Sheep Breeders, etc. was one of the pleasant social features of the week.

W. G. LYON,
Columbia, Mo.

Mistress—"Jane, I saw the milkman kiss you this morning. In future I will take the milk in."

Jane—"'Twouldn't be no use, mum. He's promised never to kiss anybody but me!"—Illustrated Bits.

Field Notes.

The chains worn over the tires of automobiles are said to be ruining the drives in the parks and fashionable streets of our cities.

The second annual session of the American Berkshire Association will be held at Springfield, Illinois, February 20 and 21, 1907.

The 80th Holstein to join the 20 lb. list is Maud De Kol owned at Woodcrest Farm, Rifton, N. Y. Calving at 10 yrs. 8m. 20 dys. of age she produced 20.448 lbs. of fat from 561 lbs. of milk.

As shown in Bulletin No. 91 of the Texas Experiment Station, dealing with food adulteration in Texas, out of 201 food samples chemically analyzed 101, or over 50 per cent., were found to be adulterated.

This issue of the World contains cuts of the five greatest record cows of the breed—Aaggie Cornucopia Pauline, Pietje 22d., Pontiac Rag Apple, Ybma 3d's Pledge Clothilde and Sadie Vale Concordia. Study them.

We understand that D. W. Field of Brockton, Mass., has purchased the Holstein cow, Vander Lei Superb 2d, formerly owned by J. N. Conyngham, Wilkesbarre, Pa. She has a record of 23.268 lbs. of butter fat in seven days.

On January 15th Holstein breeders of Baron county, Wis., met and organized an association to be known as The Barron County Holstein-Friesian Breeders' Association. D. Rollin Kline, Cumberland was elected president. F. J. Krabenbuhl, Barron, secretary, and Wm. Kripner, Barron, treasurer.

As we go to press we learn that Segis Aaggie DeKol Beets, owned by H. A. Moyer, Syracuse, N. Y., has produced 25.9 lbs. butter fat in 7 days, which places her next to Aaggie Cornucopia Pauline. We cannot get to press with the announcement of a record broken before it becomes a back number. This is pretty hard on the editor.

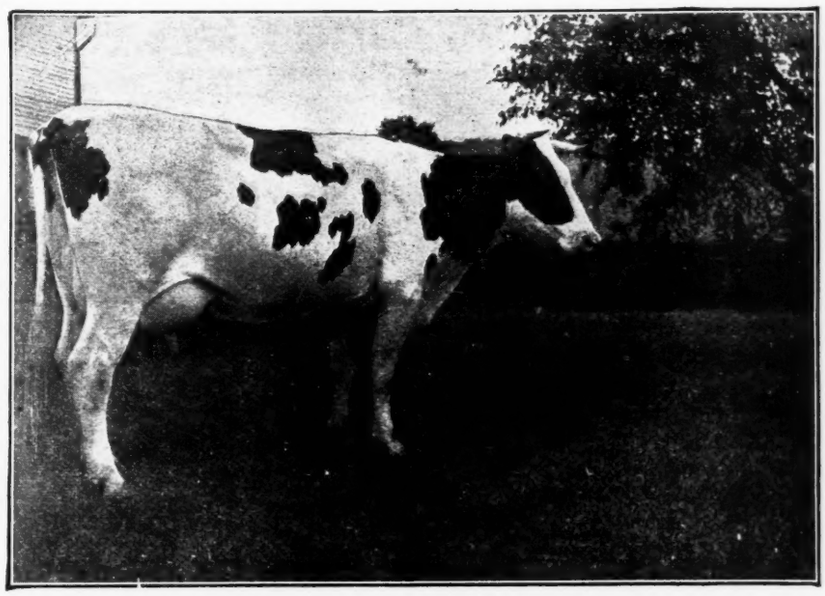
The next regular meeting of the Holstein-Friesian Breeders' Club of New York will be held at the Yates, Syracuse, 2 p .m., Wednesday Feb. 6th. Dr. Wm. H. May, city bacteriologist, Dr. David M. Totman, city health officer and Dr. E. E. Englehart, chemist and city milk inspector will address the meeting on the subject "Cleanliness in Milk."

Copia Hengerveld, a heifer owned by Henry Stevens & Son, Lacona, N. Y., at the age of 3y. 7m. 21d. produced in 7 days 22.012 lbs. of butter fat from 527.4 lbs of milk, and in 30 days, 85.96 lbs. of fat from 2253.1 lbs. of milk. Thus Copia is not only the 81st Holstein to make over 20 lbs. of fat in 7 days, and the 34th to make over 80 lbs. in thirty days, but becomes the A. R. Champion in the four-year-old class.

Pontiac Jewel, aged 5 years, 3 mo. and 20 days, owned by Stevens Bros.-Hastings Co., has produced 20.16 lbs. of fat from 493.6 lbs. of milk in 7 days, and 82.602 lbs. of fat from 2,078.8 lbs. of milk in 30 days, which puts her in both the 7 and 30-day merit lists. Pontiac Artrs, aged 4 yrs., 4 mo. and 9 days, in 30 days produced 80.94 lbs. fat from 2,228.4 lbs lbs. milk in 30 days, making her champion of her class in the 30-day list.

We learn that Pietje 22d. has not only made good her claim for 3d place in the Advanced Registry but has actually passed Pontiac Rag Apple by a small margin, in both seven and thirty-day tests, and now stands next to Aaggie Cornucopia Pauline. But Pontiac Rag Apple and Ybma 3d's. Pledge Clothilde should not despair, they are young, as Kelley would say, "they have all their days of usefulness before them," and who knows what their future may bring forth?

Under the head of "Record Smasher" the **Jersey Bulletin** prints the following: As farther evidence or proof (if, indeed, anything further is needed) of the fact that 'Jerseys are it' in the dairy world, it is interesting to note that last week's list of transfers breaks the record for total number of Jerseys transferred within seven days. There were 330 animals reported to the club as having been sold and transferred for the week ending January 8th—* * * What other dairy breed can approach this record?" We selected a list, almost at random, of Holstein-Friesian transfers and counted them, and we found over 400 in the list reported by the Holstein-Friesian Association for the week ending December 8th. We dislike to nip the rejoicing of our **Bulletin** friend in the tender bud, but the truth should be known.



YBMA 3d's PLEDGE CLOTHILDE,

643.9 lbs. Milk, 24.302 lbs. Butter fat } in 7 days. 2622.3 lbs. Milk, 97.174 lbs. Butter fat } 30 days.

Representatives of Cornell Agricultural College are superintending tests as follows: W. G. Truckeil, F. W. Ames, Morristown; G. H. Moody, Frank Backman, Weedsport; C. F. Mason, H. L. Bronson, Cortland; F. E. Bailey, A. W. Brown, Unadilla Forks, Virgil Wart, A. C. Chase, Syracuse; Geo. T. Reed, A. S. Chase, Rifton; Manley Clark, R. E. Coe Kirkville; W. H. Lyon, Davis Brothers, Clifford; C. L. Hungerford, Fred Dixon, Auburn; R. C. H. Fowler, E. H. Dollar, Heuvelton; F. H. Ryan, L. J. Fitzgerald, Cortland; J. W. Evans, L. G. Green, Sandy Creek; W. B. Smith, W. H. Grenell, Pierrepont Manor; C. D. Gaylord, A. A. Hartshorn, Hamilton; R. B. Paige, E. H. Knapp & Son, Fabius; E. J. Smith, Quentin McAdam, Utica; S. B. Jack-

son, W. A. Matteson, Utica; R. F. Vrooman, Mrs. Laura M. Myers, Marcy; R. R. Hogue, Dr. E. E. Cady, Goshen; G. H. West, T. A. Mitchell, Weedsport; W. H. Van Dine, H. A. Moyer, Syracuse; H. N. Lathrop, F. C. Overton, Adams; H. D. Smith, E. A. Powell, Syracuse; J. B. Horn, F. W. Scott, Granville; J. S. Clark, J. A. Stanton, New Woodstock; C. D Davis, Stevens Brothers—H. Co., Liverpool; H. S. Button, Stevens Bros.—Hastings Co., Lacona; G. N. Allen, H. Stevens & Son, Lacona, Rolla Van Doren, F. H. Thompson & Son, Holland Patent.

Bulletin No. 140 of the Wisconsin Experiment Station deals with the development of Factory Dairying in Wisconsin. It is accompanied with a map showing the location of all the factories in the state. We take the following figures from this report:

Number of cheese factories....	1649
Number of creameries.....	1017
Number of combined factories..	40
Number of skim stations.....	260
Number of condenseries.....	3
Total	2969

Amount and value of dairy products in 1905:

BUTTER—			
Farm	34,620,368 lbs.	Value	$ 6,556,207
Factory	88,405,397 lbs.	Value	$19,206,051
CHEESE—			
Farm	1,974,830 lbs.	Value	$ 173,422
Factory	109,910,112 lbs.	Value	$10,419,708
Milk consum'd	100,418,960 lbs.	Value	$ 9,585,660
		Total Value	$45,941,048

The figures show an increase of over 1900 of 118 cheese factories and 199 skim stations, and a decrease of 56 creameries and 30 combined factories.

Report of the Ontario Agricultural College Herd

By Prof. Dean in Farming World.

Our best cow in 1906 gave 11,499 pound of milk and 465 pounds of butter. The average for the herd per cow was 6,513 pounds of milk and 277 pounds of butter. The value of the butter was $52.27 per cow, and the milk 104.74. The average percentage of fat was 3.65 and the average cost of feed per cow $30.63. Last year's average profit on butter over cost of feed was $21.74, and on milk, over cost of feed, $73.58.

The first nine cows in the herd were Holsteins and Holstein grades. We estimate that on three of our older cows we lost not less than 10,000 pounds of milk during the past year as a result of using the milking machine, and our average is lower than it would otherwise have been.

Regarding the champion cow, Boutsje, I would say that her record for 30 days in November last was 2,522 pounds of milk and 103 pounds of butter. For seven days it was 643 pounds and for one day 96 pounds. During the year this cow gave 11,025 pounds of milk and 463 pounds of butter. The cost of her feed was approximately $44. This cow will do very much better during the coming year, as it is altogether likely we lost a couple of thousand pounds as a result of using the milking machine.

As will be seen, the herd, notwithstanding the drawbacks incident to testing the milking machine, gave an average of 451 lbs. of milk per cow more than in 1905. If the 10,000 lbs. of milk which Prof. Dean estimates were lost, because of the machine milking were added to the grand total, it would mean an average increase of about 500 lbs. per cow for 1906 over that of 1905.

The record made by the Holstein cow Boutsje, champion of the Winter Fair dairy test in 1905, and purchased by the Ontario Agricultural College, is a remarkable one. If we take Prof. Dean's valuation of the milk as above, this cow would give a cash return for November last of 40.35, or within $4 of what it cost to keep her during the year. At the same valuation she would give a cash return of $10.28 for the seven days' milk and $1.53 for the milk of one day. If figured on Prof. Dena's valuation of the butter per cow for the herd during 1906, this cow would give a cash return of $19.57 for butter alone during November last. On the same valuation for butter and milk the best cow in the herd would give a cash return for 1906 of $88.35 and $183.98 respectively, or $36.08 more from butter and $79.24 more from milk than the average of the herd.

These figures should give the dairyman something to think about. They show what is possible in milk production by careful selection and feeding of a dairy herd. Let every farmer take a lesson from it; find out what his cows are doing, and act accordingly.

Annual Meeting of the H.-F. Association of Michigan.

Farmington, Mich., Jan. 22, 1907.
Editor World:

The regular annual meeing of the Holstein-Friesian Association of Michigan was held at the Agricultural College, Jan. 15 and 16, just past. The literary program was lengthy and in every way interesting and very instructive. During the evening session a stereopticon entertainment was enjoyed by all, and some of the most prominent Holstein cattle in Michigan was thrown upon the screen. This was a new feature of our meetings and drew out a big crowd to witness this part of the program.

The committee on resolutions deemed wise to recommend the following, which was unanimously adopted by the club.

Whereas, we the members of the Holstein-Friesian Association of Michigan, now convened at the Michigan Agricultural College, have received every courtesy possible from the College Faculty and state board have been entertained at the president's home, also we have found the department of animal husbandry exceedingly active in making investigations along practical lines of great importance to all dairymen. Therefore be it resolved, that we express our sincere thanks for their courtesies and our unqualified approval of the manner and method of the above mentioned investigations and we do sincerely hope that they may be carried to their completion under their present management.

Whereas, the black and white cattle by continuous and marvelous performance at the pail and Babcock test have demonstrated their superiority over all competitors, also the ever increasing records demonstrate that still greater achievements may be confidently looked forward to.

Whereas, a prominent and bitter enemy who in public life has assailed our favorites from the dairy columns of the Michigan Farmer and from platforms both inside and outside the state has met with a crushing and humiliating downfall. Be it resolved, therefore, that we do not wish to exult over the downfall of one who is striving to advance the dairy industry of the great state of Michigan, but we do wish to congratulate ourselves that the council of our enemy has been turned to naught and the luster of the noble black and white cow is still untarnished and is growing brighter and brighter.

It is certainly being demonstrated that "You cannot beat the Dutch."

J. H. JOHNSON,
Secy. H.-F. Asso. of Mich.

If you have hard work to do,
Do it now.
Today the skies are clear and blue,
Tomorrow clouds may come in view,
Yesterday is not for you;
Do it now.

Diner—What have you got?

Waiter—I've got calves' liver, sheeps' brains, pigs' feet—

Diner—I don't want a list of your physical peculiarities; all I want to know is what you've got to eat.

Breeders' Bulletin Board.

Woodcrest Farm.

Editor Holstein-Friesian World:

I am pleased to advise you that we have completed the official test of Pietje 22nd, who now has the following 7 and 30 day records to her credit: 7 days milk, 673-9 lbs, fat, 25-295. 30 days milk, 2786-4 lbs, fat 102-700 lbs.

As far as official records have been reported to date, I believe this places Pietje 22nd, second only to Aaggie Cornucopia Pauline.

Very truly yours,
A. S. CHASE.

BROOKSIDE STOCK FARM.

All World's Records Broken—Both for Seven and Thirty Days for Heifers Under Four Years Old by Copia Hengerveld 3rd, Owned by Henry Stevens & Son, Lacona, New York.

Copia Hengerveld 3d. dropped her first calf a bull, Sept. 27th, 1905., at the age of 2 years, 5 months. She was officially tested and produced 391.6 lbs. milk, 18.3 lbs. butter in seven days. She was again officially tested 271 days after calving, producing 284.9 lbs. milk, 12.75 lbs. butter She dropped her second calf, a heifer, Dec. 9th, '06, not having been dry, at the age of 3 yrs. 7 mo. 21 dys. and officially produced in seven days 527.4 lbs. milk, 27.515 lbs. butter and in thirty days, 2253.1 lbs. milk, 107.45 lbs. butter.

These are the largest official records ever reported by any heifer under four years old and this thirty day record is larger than any reported by a heifer under 4½ years old, exceeding Pontiac Rag Apple and the World's champion, Aaggie Cornucopia Pauline, at the same age.

Considering the time Copia Hengerveld 3d has been in milk I believe these to be the most remarkable records ever made.

Messers. Henry Stevens & Son have in their herd a full sister to this heifer that has just made with her second calf an official record of 22 lbs. butter in seven days. This together with Copia Hengerveld 3 d's record makes the largest average official record for full sisters with second calf. Several half sisters are also making very creditable showings.

Individually Copia Hengerveld 3d. is one of the best I ever saw, and it will be remembered that she is the heifer that won second place and her three quarter sister won first, judged by Prof. Harry Hayward at the Winter Fair, Syracuse, N. Y., Dec. '05.

G. N. ALLEN.

Fairview Farm.

Editor Holstein-Friesian World:

We have just completed an official test of 4 daughters of Prince DeKol Paul, No. 23022, who is now sire of 16 A. R. O. daughters.

Princess Leo Netherland, 3d. No. 78754, age 2 yrs. 3 mo. 23 dys. and 36 d's after calving, 368.4 lbs. milk, 150.44 lbs. butter 7 dys.; 712.6 lbs. milk, 29.4 lbs. butter 14 dys.; 54.4 lbs. milk in one day.

Wadmantje DeKol No. 62519, age 4 yrs., 411. lbs. milk, 18.055 lbs. butter, 7 dys.; 835.2 lbs. milk, 35.76 lbs. butter, 14 dys.

Vadora Mercedes 2d. No. 78.155, age, 2yrs.. 282. lbs. milk, 12.395 lbs. butter 7 dys.

Kiatta Edkje DeKol No. 62,516. Age, 4 yrs. 3 dys., over 10 mo. after calving 12.135 lbs. butter from 286.7 lbs. milk.

We also tested 2 daughters of Beryl Wayne's DeKol Paul, No. 28,-785. One heifer Kaarta DeKol No. 78274. Age, 2 yrs. 2 mo. 13 dys., 70 days after calving, 13 lbs. butter from 294.5 lbs. milk. This heifer was owned by a neighbor and was in no condition for a test. Another heifer, Kiatta Mercedes Wayne No. 75158. Age, 3 yrs. 15 dys., 327 lbs. milk 15.99 lbs. butter 7 d's. This heifer would have made over 17 lbs. if we had continued her another week, as she was gaining over ¼ lb. fat a day. The average fat was 3.91 per cent.

Albirce Marikje, No. 58376. Age, 6 yrs. This was the only full aged cow we tested. She made 17.18 lbs. butter, average 3.85 per cent fat.

Sales of late have been good. There seems to be a great demand for Holsteins with good A. R. O. records. O. J. GODFREY & CO.

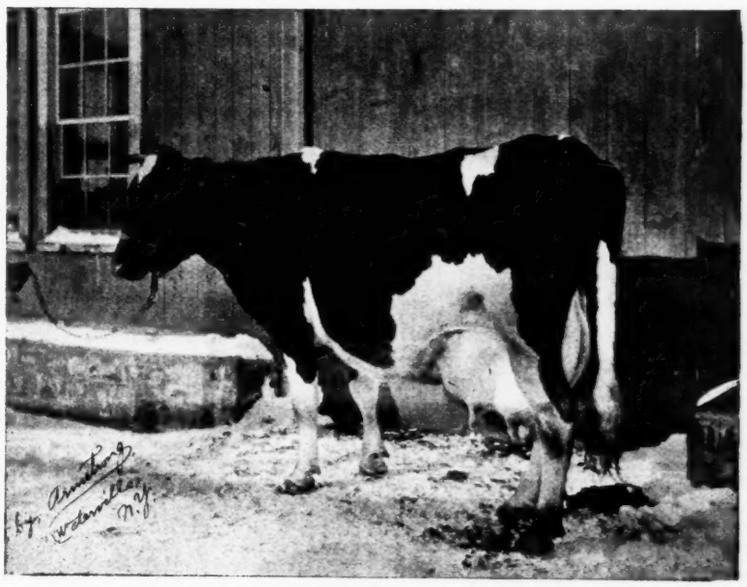
A New Hampshire Breeder.

Colebrook, N. H., Dec. 29, '06.

Editor Holstein-Friesian World:

I am enclosing my check of $2.00 for three years advance in my subscription to your paper. I am comparatively a new breeder of Holstein's having bought my first female about two years ago, when I purchased Silver Glass 6th's De Kol. This is an A. R. O. cow with a 3 yr. old record of 17 lbs. 3.3 oz. in 7 days and 5 yr. old record of 22.72 lbs. butter in 7 days from 514½ lbs.

(Continued on Page 55.)



SADIE VALE CONCORDIA.
Age 10 years, 2 months, 24 days. 694.3 lbs. milk, 24.508 lbs. butter fat in seven days; 2,752.6 lbs. milk, 98.937 lbs. butter fat in 30 days. Owned by Q. McAdam, Utica, N.Y.

NUGGETS.

The big stick—stick-toitiveness.

* * *

Men who do their plowing with nightmares are never successful farmers.

* * *

Grit, sand and rocks—the three-in-one that constitutes the omnipotence in man.

* * *

The irrepressible conflict—getting without earning and earning without getting.

* * *

Whoever would exercise authority over anothers conscience has no conscience himself.

* * *

Some people's idea of heaven seems to be a sort of celestial city where the "poor, mizzuble wurm" will become an imperishable butterfly flitting from flower to flower and doing absolutely nothing of importance through all eternity.

* * *

"Humanite," a Socialist paper of France was recently in danger of suspension from financial difficulties. This becoming known the Socialist party of Germany appropriated 25,-000 marks to set the paper on its feet again. This illustrates the international character of Socialism.

* * *

It is not policy for farmers to get hilarious and burn powder over prospective legislative favors. It is now discovered that the denatured alcohol law restricts the manufacture of this product to the large distilleries.

HOLSTEIN-FRIESIAN WORLD

A Journal for the Holstein Breeder, the Dairyman and the General Farmer.
Entered at the Ithaca (N. Y.) postoffice as second class mail matter.
Issued the 8th and 22nd of every month.
C. G. BROWN, B. S., B. S. A.,
Editor and Publisher,
ITHACA, N. Y.

DEPARTMENT OF ANIMAL HUSBANDRY.
H. H. WING, M. S. A.....Ithaca, N. Y.
DAIRY INDUSTRY.
H. A. HOPPER, B. S. A....Univ. or Illinois
THE STUDY TABLE.
SOLOMON HOXIE.....Ithaca, N. Y.
INFECTIOUS DISEASES OF CATTLE.
V. A. MOORE, B.S.,M.D.,Cornell Vet.College
STAFF OF REGULAR CONTRIBUTORS.
SAMUEL A. ROBINSON....Covesville, Va.
EUGENE M. HASTINGS.....Lacona, N. Y.
H. MASON KNOX.....Canton, N. Y.
DR. TREMAINE WARD.....Napanee, Ont.
IRVIN NOWLAN.....Toulon, Ill.

Subscription price, One Dollar per year, in advance. Three years to one subscriber for $2.00 in advance; five years for $3.00 in advance.

The date on the yellow mailing tag attached to the wrapper of each paper indicates the time to which subscription is paid.

When a subscriber wishes his subscription discontinued he should notify this office.

Approved cuts of meritorious Holstein-Friesian Animals, when furnished, will be published free of charge.

If photographs are sent—cuts will be charged for at cost price.

Advertising rates sent on application.

C. G. BROWN.

Remittances should be made by draft, postoffice or express money orders. Money orders and drafts should be made payable to
C. G. BROWN.

Office of publication, 130 Hazen street, Ithaca, N. Y.

All matter for publication must reach the editor by the 4th and 18th of the month to insure appearance in current issue.

Members of the Faculties of all Agricultural Colleges, and Experiment Stations; all subscribers, and anyone having anything of interest to the readers of this Journal are invited to contribute to its columns.

Special Offers. The HOLSTEIN-FRIESIAN WORLD *to* one subscriber one year on trial for 50 cents in advance. Old subscribers may renew as follows:

One renewal and one new subscription $1.00 in advance.

One renewal and two new subscriptions $1.30 in advance.

One renewal and three new subscriptions $1.50 in advance.

Thus for three new subscriptions one renewal is given free.

These special offers are made for the express purpose of extending the circulation of this paper. To all subscribers who for any reason cannot assist in this campaign, we will say that there is a standing offer at the head of this column of three years to one subscriber for $2.00 in advance; five years for $3.00 in advance.

Breeders' Directory, $1.00.

Editorials.

Dr. Gilbert's Paper. Did you read Dr. Gilbert's paper published in the January 8th issue of the World? If you did not you should do so at once. If you did read it, it will be time well spent to read it again. When you have done this give it to your neighbors to read. Keep it going until the paper is completely worn out. It is equally valuable to all producers and all consumers of milk. It is classic in style, unbiassed in treatment and as full of information as an egg is full of meat.

Dr. Gilbert is a scientist of no mean standing and the results of his investigations cannot be ignored. That they are having profound influence is shown by the fact that they are published in the **Medical Record,** the leading medical journal of this country, and reproduced in **The Hospital,** the leading medical journal of Great Britain. A proof that this influence is permeating all classes is found in the fact that a very comprehensive review of this paper was published in the December 15th **Literary Digest,** perhaps the most widely read literary magazine of the country.

On account of its merit we reproduce this review in this issue of the **World.** What we have said about the original paper we say about this. No matter how much truth an article may contain, it is valueless unless read. Read it. Have your neighbors read it. It reveals in a clear light the true merits of the breed, and every friend of Holstein-Friesians should do his utmost to spread this light.

Individual Liberty. An exchange contains this paragraph: "Some very plain and homely truths are expressed in the following contained in a decision recently handed down by a United States judge in connection with the union labor case: 'There is something more important than fair wages, and that is the right to work for any wages the workman is willing to accept. There is something more important than an eight-hour day, and that is a free day. Any enchancement of wages, any lessening of the hours of labor, any improvement in the condition of employment, would be too dearly bought by the surrender of the smallest fraction of individual liberty under the law. Workmen themselves are the last men in the world who should willingly suffer the loss of such a right."

There have been too many dissenting opinions, and too many reversals of court decisions for anyone to hold courts infallible, or, indeed, to hold for them anything more than decent respect.

To surrender the "individual liberty under the law" to work more hours or for less wages would, indeed, be a grevious calamity to the working classes. Is it not quite pathetic the altruistic interest the capitalists and capitalistic judges take in preserving the "individual liberties," of the working classes, "under the law?"

Compare the spirit of this decision with the spirit of the words delivered by Governor Hughes at the Safety-Device Exposition in New York, January 28th. He said: "The common law reflects the view that the laborer is free in his choice of an occupation and voluntarily accepts its obvious risks. However convenient this may be as a matter of legal theory, we know that our industrial army is recruited from those who have no choice but to take the work nearest at hand.

"The workingman takes the risk because he must work or starve, and in getting work he cannot afford to be too squeamish about the conditions under which he is employed."

If the workingman accepts the risk because he must work or starve in like manner he accepts the wages or number of hours. Talk about the "individual liberty" of the working man! His liberty is the liberty of necessity, and too often as anyone may know, who cares to know, this necessity is an artificial necessity planned and executed by the capitalist employer in order that the worker may exercise his "individual liberty under the law," to work for less wages or longer hours. "Plain and homely truths!" We wonder what a real, unvarnished, economic lie would be like.

New Advertisements.

Note the change of ad. for Woodcrest Farm.

See the startling figures in Star Farm's new ad., this issue.

Fairview Farm, O. J. Godfrey & Co., Pennellville, N. Y., are making some very attractive offerings.

Springdale Farm offers a good one in Eeke Pietertje DeKol Paul. Write H. M. Lyon & Son, Wyalusing, Pa.

A bull ready for service with strong A. R. backing is offered by Frank Backman, Weedsport, N. Y.

For a bull of choice breeding see double column ad. of Geo. C. Mosher, Kansas City, Mo.

A bull ready for service, son of Aaggie Cornucopia Johanna Lad and a high record dam is offered by A. W. Bocker, Unadilla Forks, N. Y.

See new ad. of M. S. Nye,—a young bull from a 21 lb. cow and sired by Aaggie Cornucopia Johanna Lad, Jr.

For highly bred heifers due to drop calves in the spring, and heifer calves as well as bulls, see change of

ad for Lakeside Herd, E. A. Powell, Syracuse.

Greenwood Farm, E. H. Knapp & Son, proprietors, Fabius, N. Y., also have a new announcement. Holstein-Friesians are making history as well as butter fat these days.

If you want to be sure to get a son of the $10,000 Milk and Butter King to head yaur herd, better book an order with Crouse and Brockway now. Address The David Harum Stock Farm, Homer, N. Y., or Oakhurst Farm, Auburn, N. Y.

Daughters of Pietertje Hengerveld Count De Kol bred by Mutual Pietertje Paul, Prince Segis Korndyke or De Kol Burke ought to produce pretty good calves. This is the kind you get at Lakeland Farm. See special announcement of Wing R. Smith, Syracuse, N. Y.

Read the announcement of the first annual public sale of pure-bred Holstein cattle by Geo. Rice at the Annandale Stock Farm, Tillsonburg, Ont. For further description of some of the offerings see Bulletin Board article. Remember the date, Wednesday, Feb. 27th, 1907.

Breeders' Bulletin Board.

(Continued from page 53.)

milk. She was with calf by De Kol 2nd's Butter Boy 3d and brought me a fine heifer calf in September 1905. In September 1906 she brought me twins, a bull and a heifer. These were sired by my bull, Alberta Sir Mechthilde whose pedigree traces on both sides to Sir Henry of Maplewood. So you see that I am getting into Holstein's at quite a rapid rate from a small start. Now, I would like to know through the columns of your paper the practical experience of breeders in regard to the number of heifers twined with a buli that will breed.

The past spring I purchased from Mr. F. F. Field the bull calf, Count Prescott De Kol Pietestje. This calf was sired by Pietertje Hengeweld's Count De Kol and out of Edith Prescott De Kol. While this cow's record of 22.89 is not so high as many others the fact that she held the world record for 8 months after calving, until recently, speaks very highly for her as an everyday money maker. When I came to breed the heifer mentioned above to this calf and thus combine the blood of Piertje Hengerveld's Count De Kol, Paul Beets De Kol and De Kol 2nd's Butter Boy 3d I expect to get stock that will make some high records for the Holstein-Friesian breed here in northern New Hampshire.

Yours Very truly,
BURTON A. CORBETT.

Annandale Farm Sale.

Editor Holstein-Friesian World:

In sending you ad. for my public sale of Holsteins to be held on the 27th of Feb., I would like to say that all these cows going in this sale are choice, young cows 2 to 8 years old. The cows have all A. R. O. records. Winnie R's Countess, you will see from photo sent you is great, and she should be, as her dam, Winnie R., has an A. R. O. record of 17.502 lbs. milk in 1 year. I have had 3 of her daughters and all made good A. R. O. records. Winnie R's Countess' sire, Count Calamity Clay No. 408 A. R., has for G. dams those two great cows, Eunice Clay and Calamity Jane. Three of the best cows in her pedigree I ever owned or saw. Winnie R's Countess' record at 3 yrs. 375.6 lbs. milk, 17.5 lbs. butter, test 3.73 per cent. fat. She is just fresh again and will assuredly make a large record on maturity. She dropped a fine bull calf sired by Prince Posch Calamity whose dam is Calamity Jane, 25.1 lbs. butter, his sire, Sir Pietertje Posch whose dam Alta Posch still holds the world's record for 2-year-old class, her record being 87.10 lbs. of milk in 1 day, 576. lbs. milk and 27.1 lbs. butter in 7 days, her test, 3.7 per cent., her dam, Aaltje Posch 4th, still holds the world's public test record having made 8.6 lbs. butter in 48 hours. I will also have in this sale several bull calves from A. R. cows. Also one whose dam is Lady Wayne Norine 22 lbs. butter in 7 days and over 4 per cent. fat.

Another good cow in the sale, Rose Rattle, has just made a record at 5 years old of 21 lbs. butter in 7 days, 41 lbs. in 14 days, averaging over 4 per cent. She will make a "Rattler" if some good man gets her and develops her. There are some very fine 2-year-old heifers. Some of those will be fresh soon after the sale and are with calf to Prince Posch Calamity. Amongst this lot is Biesk Aconeth 2 yrs. from the same dam as Daisy De Kol of Whittaker, 22. lbs. at 3 yrs., 4.2 per cent. fat. This heifer is now springing one of the finest shaped udders I ever saw on a heifer, and a man who has won sweepstakes at the Pan-American and National Dairy show like I have knows something about large udders. In fact, every cow in the sale is offered because she is a good one. There are 4 daughters of Covert Colantha Alban, sire of Daisy De Kol of Whittaker and other A. R. daughters.

Besides the bull calves mentioned (and others not mentioned) there is a bull born Nov. 1905, sired by Prince Posch Calamity, whose dam is Canary Starlight Lassie B., 20 lbs. butter in 7 days at 4 yrs., 3.96 per cent. fat. The Canary family is noted for richness of their milk and coupled with the blood through his sire of the noted cow Calamity Jane, Alta Posch and Aaltje Posch 4th. we have a good bred bull, seven nearest females average over 24 lbs. butter in 7 days, and near 4 per cent. fat. But then one must have a catalogue to get an apreciation of all the good things offered. There is now such a demand upon my time, being assoc. editor of our greatest dairy paper, besides managing this the largest stock farm in the Dominion, with a cheese factory on my old farm also under my management, that I have determined to sell my surplus stock by auction yearly. We have 300 acres of rough pasture and carry over a great deal of young stock, hence it is necessary to sell cows. Everything offered must go to the highest bidder. This is a yearly event and there can be no bidding in.

GEO. RICE.

Tillsonbury, Ont.

Greenwood Herd.

Editor Holstein-Friesian World:

Ybma 3d's Pledge Clothilde is making an effort to reach the top and has passed all the great cows in the list with 20 lbs of fat and all those having 21 lbs. fat, also those having 22 and 23 lbs. fat and is now working her way up among the 23 lb. list—this list contains the very few that have made over 30 lbs. butter in 7 days. At this writing she has to her credit 643.9 lbs milk, 30.38 lbs butter in 7 days 2621.9 lbs. milk, 121.47 lbs butter in 30 days, is still running but it begins to look as though she will have to wait until next time before she passes the thre cows that now hold records above her. She gave us a beautiful bull calf sired by Prince Ybma Spofford whose dam and sire's dam have an average of 97 lbs. milk per day, and over 88 lbs. for 30 days, and their average A. R. O. butter record is 28.20 in 7 days. Considering the age of these two dams at the time their records were made, we believe that no sire of the breed is his superior and in individuality but very few if any are his equal. This young calf contains 87½% of the blood of his dam and that of Katy Spofford Corona, who still holds the world's record of over 26 lbs. butter in 7 days, at 3 years 1 month and 6 days, it will be interesting to note the A. R. O. records that are now being made by some of her granddaughters, sisters to Prince Ybma Spofford. One of the 20 now in our herd, Calamity DeKol Spofford 73538 in her year old farm, completed her first 10 month's service in milk yesterday, Jan. 21, producing on that day in A. R. O. test 41.9 lbs. milk which yielded over 1½ lbs. butter fat. She has been running in the test now with others 40 days with results that no other heifer of the breed, or of any other breed ever approached, at her age. The results will show when published, her best 7 days butter fat to be 10,677 and over 45 lbs. fat in 30 days. Think of it. 13.35 lbs. butter in 7 days, and over 56 lbs. buter in 30 days, made by a heifer under 2 years of age, 10 months after calving and due to freshen in April. How is that for the staying qualities of the breed and of the Spofford family? Another heifer, Grace Greenwood 3d's Spofford in her 2 year form has just produced 407.8 lbs milk, 18.00 lbs. butter in 7 days, 1578.3 lbs. milk, 71.43 lbs. butter in 30 days. Two other Spofford heifers, in their 3 year form are showing work of great merit. Kekkie Spofford 72344 has produced to date 496.2 lbs. milk, 20.95 lbs. butter in 7 days, 2001.8 lbs. milk, 86.24 lbs. butter in 30 days. Calamity Spofford 64914 has produced 463.3 lbs. milk, 22.84 lbs. butter in 7 days 982.5 lbs. milk, 44.65 lbs. butter in 14 days. These heifers are still running and unless we can show up something better among the Spofford heifers a little later on or some other breeder can show up better

PUBLIC SALE

HOLSTEIN-FRIESIAN CATTLE

MR. L. J. FITZGERALD of Cortland, N. Y., will dispose of his entire herd of Pure Bred Black and Whites, consisting of eighty head, at one of his farms, **FEBRUARY 20th, 1907.** This is a clearing out sale and is as nice a lot of cattle as has been put in a public sale. There are twenty daughters of

MERCEDES JULIP'S PIETERTJE'S PAUL
AAGGIE CORNUCOPIA PAULINE COUNT

Most of the consignment are in calf to the above sires and

LILITH PAULINE DEKOL'S SON.

Every animal is perfect and of good individuality and in good condition.

This will be a rare opportunity for you good breeders to make some additions to your herds.

Catalogs with full description and particulars will be ready Feb. 1st.

Col. B. V. Kelly
AUCTIONEER

S. D. W. Cleveland
SALES MANAGER

AUCTION SALE

OF

40 HEAD OF REGISTERED HOLSTEIN-FRIESIAN CATTLE

To be held TUESDAY, FEB. 12, 1907, in the Steam Heated Sale Pavilion at Union Stock Yards, South Omaha, Neb.

30 FEMALES—Consisting of Fresh Cows, Cows and Heifers, due to calve and young Heifers bred and unbred.

10 BULLS ranging in age from calves to 2 years old. 3 are grandsons of "Shadybrook Gerben," winner of World's Fair test.

Sale begins at 10 o'clock A. M. No postponement. Send for Catalogue.

Col. B. V. Kelly
Auctioneer

Henry G. Glissmann
Rock Brook Farm, Omaha, Neb.

M. S. NYE of Preble, N. Y. Offers another bull for sale, born Aug. 3, 1906. His dam has an A. R. O. record of 21.16 lbs. of butter in seven days. The calf is sired by Aaggie Cornucopia Johanna Lad, Jr. His sire's dam, Aaggie Cornucopia Pauline, still holds the world's record—34.31 lbs. butter in seven days. His dam's sister, Segis Aaggie DeKol Beets, just made an A. R. O. record of 32 lbs. 6 oz. of butter in seven days, the second largest in the world. The sire of this calf has more of the blood of the two champion cows than any other bull in the world except his brothers. If the best is what you want, let me hear from you.

FOR SALE

Holstein Bull Calves. Sired by
LORD NETHERLAND DE KOL, BARON NETHERLAND DE KOL AND
LORD NETHERLAND COUNT DE KOL

at reasonable prices. Correspondence solicited. Photograph of calf furnished if desired.

BURNE-MEADE FARM - - - SAMUEL J. TILDEN, PROPRIETOR, New Lebanon, N. Y.

READ THIS and remember it and it will help you.

PIETERJE HENGERVELD'S COUNT DE KOL

Certainly is one of the greatest Sires that has ever lived. He has 64 A. R. O. daughters, now. My herd is largely made up of his daughters and granddaughters, and they are worthy of a place in my herd. They are not for sale, but their bull calves are, and sired by such bulls as **Mutual Pietertje Paul,** whose dam has a record of 25.8.7; **Prince Segis Korndyke,** whose dam has a record of 26.14.4; and **DeKol Burke,** who has nearly 40 A. R. O. daughters. If you are interested in obtaining an elegant individual of such breeding at a low price you have but to write to me and I will send you pedigrees, prices, etc. BETTER STILL, come and see for yourself, visitors are always welcomed and correspondence solicited.

DO NOT DELAY—WRITE NOW.

Farm at Lakeland
Offices: 37 and 38 Wieting Block

WING R. SMITH, Syracuse, N. Y.

STEVENS BROS. - HASTINGS CO.

HOLSTEIN-FRIESIANS

REMOVAL SALE

HAVING SOLD one of our Lacona farms, and being obliged to give possession March 1st, necessitates our disposing of a large number of cattle, as our stables at Liverpool are already full. We had expected that in course of our regular trade our stock would be reduced sufficiently to enable us to concentrate at Liverpool, at the time mentioned—March 1st. However, winter is nearly over and we still have a large surplus on hand. We ought to sell 150 head in the next 30 days, **and we must sell them, even if we have to sacrifice.**

¶ Come and see our offerings, or if you cannot do that, write us just what you want and we will do our best to make a deal with you, if prices will be any inducement. **We have everything in good Holsteins, of both sexes, of any age.**

STEVENS BROS. - HASTINGS CO.

LACONA AND LIVERPOOL, N. Y.

For Sale a Holstein Bull Born December 16, 1905.

Sired by Nannetteson 34,970 whose dam, g. dam and sire's dam have A. R. O. butter records that average 22 lbs. in 7 days, and whose milk averages 4.27 per cent fat.

The dam of this bull is by Paul Beets De Kol and has a record of 21.56 lbs. of butter in 7 days. G. dam by Inka Princess Pietertje Netherland, 17.94 lbs butter in 7 days. Also choice young cows and heifers.

FRANK BACKMAN - - - - Weedsport, N. Y.

records than were made last year, these two heifers will take first and second place in the 30 day records and very nearly the same in the 7 day records. Another cow, Tula 3d's De Kol, has increased her record in this test to over 20 1-3 lbs. butter in 7 days, and still another cow, Veeman Koningen 3d, with only 3 teats is producing up to 84.8 lbs. milk per day and has increased her record to 556.5 lbs. milk, 23.13 lbs. butter in 7 days. This cow is by same sire as A. and G. Inka McKinley. Three other good heifers are waiting an opening to begin their test and when tests are finished we believe results will show the best lot ever tested in one bunch. Seven of the eight just tested average 21.27 lbs. butter each in 7 days including the yearling heiferr, record made 10 months after calving. Has such a showing of records ever been reported from any herd in America? These and later records will increase the standing of the Greenwood Herd and the value of every bull calf born. This is saying nothing about the 13 daughters we already have on hand that were sired by Prince Ybma Spofford.

E. H. KNAPP & SON,
Fabius, N. Y.

Summary of Official Records of Holstein-Friesian Cows From Dec. 27, 1906 to Jan. 16, 1907.

Unless otherwise mentioned, these records are for a period of seven consecutive days. They are made under the careful supervision of the State Agl. Colleges and Experiment Stations and their accuracy is vouched for by them; no private records are reported by the Holstein-Friesian Association.

During the period from December 27th, 1906, to January 16th, 1907, records for 115 cows have been accepted; seven of which were begun more than eight months after freshening. All made seven-day, seven made fourteen-day, one made an eighteen-day, one a twenty-one-day, and seven made thirty-day records. The averages by ages were as follows:

Twenty-six full aged cows averaged: age, 7 years, 8 months, 11 days; days from calving, 26; milk, 424.5 lbs.; per cent fat, 3.50; fat, 14.847 lbs. Seven senior four-year-olds averaged; age, 4 years, 9 months, 23 days; days from calving, 19; milk, 423.2 lbs.; per cent fat, 3.60; fat, 15.253 lbs. Ten junior four-year-olds averaged; age, 4 years, 1 month, 18 days; days from calving, 27; milk, 420.8 lbs.; per cent fat, 3.42; fat, 14.409 lbs. Eleven senior three-year-olds averaged; age, 3 years, 8 months, 27 days; days from calving, 34; milk, 386.1 lbs.; per cent fat, 3.41; fat, 13.170 lbs. Eight junior three-year-olds averaged; age, 3 years, 2 months, 18 days; days from calving, 20; milk, 345.8 lbs.; per cent fat, 3.30; fat, 11.417 lbs. Fifteen senior two-year-olds averaged; age, 2 years, 9 months, 1 day; days from calving, 32; milk, 324.7 lbs.; per cent fat, 3.37; fat, 10.950 lbs. Thirty-one junior two-year-olds averaged; age, 2 years, 2 months, 7 days; days from calving, 33; milk, 290.9 lbs.; per cent fat, 3.35; fat, 9.750 lbs.

This herd of 108 animals, of which just one-half were heifers with first or second calves, produced in seven consecutive days 39,027.1 lbs. milk, containing 1,336.998 lbs. butter-fat; showing an average of 3.43 per cent fat. The average yield for each animal was 361.3 lbs. milk, containig 12.380 lbs. butter fat; equivalent to 51.6 lbs., or 25 quarts, milk per day, and nearly 14½ lbs. of the best creamery butter per week. Large as these averages are, they are below the average for H.-F. reports.

Aside from the breaking of the thirty-day butter-fat record in the junior four-year class, and the seven-day butter-fat record in the junior two-year class of the division for records begun not less than eight months after calving, there is nothing especially remarkable to report this issue.

Among the full aged cows, Maud DeKol, 20.449 lbs. fat from 561 lbs. milk, and Pontiac Jewel, 20.160 lbs. fat from 493.6, lead, with Tidy Pauline DeKol, 19.284 lbs. fat from 510 lbs. milk, very considerably above the eighteen-pound point. Maud Steinstra, with 17.282 lbs. fat, stands first in the senior four-year class.

Pontiac Columbo, 19.766 lbs. fat from 491.2 lbs. milk, and Pontiac Artis, 19.668 lbs. fat from 533.3 lbs. milk, are very close together at the head of the junior four-year-olds; while the latter, with 80.94 lbs. fat in thirty days, breaks the record, and displaces Bessie Hamilton 2nd, who gained the place last issue with 80.-48 lbs. fat.

Pontiac DeKol, with 16.99 lbs. fat, leads the senior three-year class; Gerben Queen, 14.6 lbs. fat, the junior three-year class; and Friend Grace DeKol, 15.295 lbs. fat, the senior two-year class. The latter, with 61.109 lbs. fat, makes an even showing for the thirty-day record.

The record of Genevra Mercedes DeKol, 14.295 lbs. fat from 312.6 lbs. milk, is very notable among the junior two-year-olds; while Lady Pietertje Rue and Johanna Rue Lady Colantha both exceed 12 lbs. fat.

The records begun more than eight months after calving again show up well; and Tidy Pauline DeKol 2d, 11.363 lbs. fat from 265.6 lbs. minlk, breaks all previous records made in the junior two-year class of this division. This heifer calved at the age of 2 years, 3 months, 7 days, and the record was begun 294 days after calvin.

No one who has had any experience with H.-F. cattle doubts their staying powers; but some-times a word from disinterested parties is interesting, and I will quote a few lines from a letter received by this office last summer, written under the date of June 29th by Prof. Erf, of the Kansas Agl. College, in regard to a pure bred H.-F. cow owned by that college: "She (the cow he writes of) has given in one year, from March 1905, to March, 1906, nearly 16,-000 lbs. of milk, the test ranging from 3.2 to 3.7 per cent. She is still giving twenty-five to thirty pounds of milk per day."

AN ACRE OF CORN

"Corn is King." Its wonderful possibilities practically developed in the newest and latest Silage work;

"MODERN SILAGE METHODS."

An entirely new and practical work on Silos, their construction and the process of filling, to which is added complete and reliable information regarding Silage and its composition; feeding and a treatise on rations, being a Feeders' and Dairymens' Guide.

I—Advantages of the Silo. IV—How to Make Silage.
II—Building the Silo. V—Feeding Silage.
III—Silage Crops. VI—A Feeder's Guide.

212 pages of plain, practical information for practical men. Contains just the things you have wanted to know and could not find elsewhere. Copyrighted 1903. Postpaid for 10 cents, stamps or coin.

THE SILVER MFG. CO., Salem, Ohio.

A GRAND BUTTER-BRED BULL CALF

IF SOLD THIS MONTH, $125.00 TAKES HIM

Sir Jolie 4th Pauline DeKol

Born March 5, 1906

His Sire the brother of one world's Champion—

His Dam the sister of another.

SIRE: **World's Fair Duke,** who has 35 A. R. O. sisters; one Alcartra Polkadot, over 29 lbs. 7 days, 120 lbs in 30 days. Duke's dam, Wisconsin Bess, 21 lbs., 11 oz. 7 days, 86 lbs. 30 days. Has 4 A. R. O. daughters.

DAM: **Jolie 4th Pauline DeKol,** A. R. O., 19.5 lbs. 7 days; sister of Aaggie Cornucopia Pauline, 34.5 in 7 days, and 18 other cows over 20 lbs.

GEO. C. MOSHER, Greenwood, Mo.

FIRST ANNUAL PUBLIC SALE AT ANNANDALE STOCK FARM

WEDNESDAY, FEB. 27, 1907, Commencing at 1:30 P. M. Sharp

35 Head Advanced Registry Holsteins, 10 Brood Sows, 1 Coach Mare, extra good: Several Grade Heifers with Calf

All are registered in the American H. Book. All papers necessary for export furnished. Of the registered Holsteins 20 are cows and heifers fresh or with calf to the great bull, Prince Posch Calamity. All the cows have large official tests. The heifers not fresh will be due soon after the sale and will show for themselves. There will be 15 bulls, most of these over 8 months old, all of the choicest breeding and backed by large records.

10 Brood Sows bred to the best Yorkshire boar I ever owned. Purchaser can have choice from 30 due to farrow after March 1.

One extra fine German Coach Mare. 7 years old, suitable for heavy carriage in the city.

Orders taken for seed corn to be seen on the ear.

All will be sold without reserve as I propose to make this sale a yearly event of importance. I am putting in an extra fine lot of stock. Catalogue with over 30 cuts of animals and complete breeding records, etc., furnished on request. (Barns 100 rods from Main street. G. T. R. & C. P. R.) (M. C. R. 1 mile)

TERMS—8 months credit approved notes. 6% per annum discount for cash. Sale under cover in the largest barn in the Dominion.

MAJOR E. R. ALMAS, Norwich, Ont.
CAPT. T. MERRITT MOORE, Springford, Ont.
COL. L. O. PEARCE, Tillsonburg, Ont.
} AUCTIONEERS, { To whom bids can be sent if unable to attend.

GEO. RICE, Prop., Tillsonburg, Ont.

Pilling CATTLE Instruments

Pilling instruments are just the thing for dairymen and farmers. By their use you can cure your own cows and save the expense of a veterinarian—no special skill required.

Pilling Milk Fever Outfit for air treatment, a method that cures 97 per cent of cases treated, recommended by the United States Agricultural Department, with full directions, $3.00. *Cattle Trocar* for bloat, 1.50. *Teat Bistoury*, $1.50. *Improved Teat Opener*, 75c. *Patent Coin Silver Milk Tubes*, 50c.

Pilling Cattle Case, containing Milk Fever outfit and eight other cattle instruments, needed by every dairyman. Complete in case, $10.00, value $14.25. Dont miss this opportunity. Write at once for our free descriptive pamphlet. **DO IT TODAY.**

G. P. PILLING & SON,
Philadelphia, Pa.
2222 Arch St.

Home Circle.

When the Clouds Roll Bye.

When the clouds roll by! When the clouds roll by
When the sun again peeps forth, and we see the gladsome sky;
Then the grass will look the greener, and the flowers seem more fair.
And the birds will sing the sweeter, as they breathe the morning air.
Then the world will be more joyful, and we'll cease to mope and sigh.
For all nature will be smiling, when the clouds roll by.

When the clouds roll by! When the clouds roll by!
When we see the rainbow arching, as it joins the earth and sky;
Then the grief of disappointment, and the gloom of dark despair
That has hovered o'er our pathway, like a pall suspended there?
Will be lifted as a vapor, and will vanish from our sky,
And we'll bask in sunlit splendor, when the clouds roll by.

—C. G. BROWN.

Selections.

The mind is master of the man,
And so they can who think they can.
'Tis better to send a cheap boquet
To a living friend this very day,
Than a bushel of roses, white and red
To lay on his coffin when he is dead.

—Nixon Waterman.

Conscript of 1813.

A CONTINUED STORY.

Translated from the French by the editor of the H.-F. World.

I felt much better. Ten minutes afterward, and attendant came to put a clean shirt on me, which he did without causing me any pain.

The surgeon stopped near the other bed and said:

"What! you here again, veteran?

—Yes, monsieur the baron, it is I," replied the cannonier, quite proud in seeing that he was recognized: "The first time it was at Austerlitz, then at Jena, after that at Smolensk.

—Yes, yes," said the surgeon moved;" and now what is it that we have?

—Three saber wounds on the left arm, in defending my piece against the Prussian hussars."

The surgeon approached him, undid the bandage, and I heard him ask the cannonier:

"You have the cross?

—No, monsieur the baron.

—What is your name?

—Christian Zimmer, marshal of the 2d mounted artillery.

—All right!"

He dressed then the wounds, and said as he finished:

"You will get along."

He turned, conversed with the others, and set out after having made his round and given orders to the attendants.

The old cannonier appeared quite happy. As I had just heard his name and concluded that he must be from Alsace, I spoke to him in our tongue. This pleased him still more. He was an old fellow of six feet in height, round shouldered, large nose and rinkled forehead and light sandy mustaches; hard as a rock, but a brave man all the same. His eyes filled when I spoke Alsacian to him; anything that I would have asked of him in Alsacian he would have given me, if he had had it to give, but he could give only a hand grip that would crack your bones. He called me Josephel, as in our country, and said to me:

"Josephel, be careful about swallowing the remedies that they give you * * * * It is not necessary to swallow only those that one knows * * * * If they would give us every day a bottle of Rikevir, we would

Official Records of Holstein-Friesian Cows

115 Cows. **From December 27th, 1906, to January 16th, 1907.**

NAME OF COW AND OWNER.	Age y.	m.	d.	Days from Calving.	Consecutive Days.	Milk lbs.	Average per cent. fat.	Butter fat lbs.
Maud DeKol 41887, J. W. Dimick	10	8	20	6	7	561.0	3.65	20.449
Pontiac Jewel, 56976, Stevens Bros.-Hastings Co	5	3	20	20	7	493.6	4.08	20.160
	5	3	20	6	30	2,078.8	3.97	82.602
Tidy Pauline DeKol, 76041, H. Bollert	5	7	17	25	7	510.0	3.78	19.284
Segis DeKol Korndyke Queen, 64897, J. B. Marcou	5	8	0	19	7	554.5	3.20	17.751
	5	8	0	6	21	1,448	3.31	47.911
Lucyra Colanthus Pietertje DeKol, 61569, M. F. Peck	5	1	13	14	7	403.3	4.08	16.493
	5	1	13	13	14	824.7	3.89	32.067
Lady Hijlaard Hengerveld DeKol, 50828, Fred F. Field	7	8	5	11	7	483.2	3.35	16.208
Nosnip's Beautiful Pearl, 42285, J. H. Mead & Son	10	1	0	12	7	386.3	4.18	16.155
Salma Pietertje DeKol Bessie, 57918, M. F. Peck	5	10	27	14	7	405.5	3.94	16.012
Betsy Bee's Betsy D., 53776, Geo. T. Tuckerman	7	5	13	61	7	499.9	3.14	15.717
Lily Netherland DeKol 52069, A. W. Brown	7	0	13	14	7	389.2	3.95	15.388
Dolly Wayne, 50347, Geo. C. Mosher	7	10	15	16	7	443.4	3.40	15.083
	7	10	15	13	14	882.6	3.34	29.448
Mercedes Pietertje, 61571, J. R. Frost	5	1	5	30	7	406.0	3.68	14.923
Aaggie DeKol Genevra, 57022, M. F. Peck	5	11	16	22	7	421.4	3.43	14.476
	5	11	16	15	14	830.1	3.44	14.476
Netherland Paladin Spofford, 55506, A. L. Brockway	6	0	20	8	7	429.6	3.35	14.384
Highland Ianthe 2d, 46381, E. G. Richards	9	11	15	25	7	413.1	3.32	13.616
Tioga Chloe Queen, 75141, A. L. Brockway	5	1	5	38	7	402.6	3.36	13.528
Minnie Stienstra, 54260, Browning & McPherson	7	0	3	92	7	375.5	3.58	13.479
Midlummer Netherland DeKol, 54443, Brattleboro R. F.	11	5	5	13	7	393.2	3.41	13.394
Emily Clothidle, 44956, Miss E. I. Ballatine	9	0	20	42	7	363.3	3.57	12.965
Netherland Bontje 2d's Duchess, 54413, Brattleboro R. F.	7	4	21	16	7	365.8	3.47	12.702
Fraud DeKol, 57277, A. J. Daugherity	7	7	23	6	7	314.0	3.96	12.428
Hill Home DeKol 2nd, 56686, G. DeForest Hunt & Co	6	0	17	32	7	407.4	3.04	12.423
Whittaker's Belle, 34100, J. S. Childs	13	11	26	31	7	308.2	4.01	12.368
Withoorn 2d's Princess Clothilde, 53889, J. H. Mead & S	6	1	0	35	7	408.6	3.00	12.253
Nellie D. Rosamond, 29189, J. R. Frost	15	8	19	20	7	477.7	2.56	12.239
Avis Scott, 61427, Edgar Collier	5	1	13	46	7	421.4	2.88	12.139
Maud Stienstra, 61334, F. P. Knowles	4	10	24	18	7	454.5	3.80	17.282
Lily Netherland DeKol 2d, 59151, A. W. Brown	4	11	0	41	7	502.5	3.35	16.853
	4	11	0	28	30	1,992.2	3.28	65.376
Small Hopes Korndyke, 59983 A. W. Brown	4	9	27	36	7	505.5	3.36	16.004
	4	9	27	18	30	2,020.2	3.24	65.495
Hypatia Clothilde, 64249, J. H. Mead & Son	4	6	8	22	7	398.3	3.87	15.436
Lady Maud Clothilde, 64252, J. H. Mead & Son	4	7	21	11	7	387.6	3.89	15.088
Carlotta DeKol Paul DeKol, 62278, R. P. Kutschbach	4	11	26	8	7	362.1	3.75	13.609
Yanko Koningen, 62406, W. W. Cheney	4	10	22	13	7	364.0	3.44	12.510
Pontiac Columbo, 61111, Stevens Bros.-Hastings Co	4	4	27	7	7	491.2	4.02	19.766
	4	4	27	6	30	2,064.7	3.62	74.917
Pontiac Artis, 61114, Stevens Bros.-Hastings Co	4	4	9	17	7	533.3	3.68	19.668
	4	4	9	7	30	2,228.4	3.63	80.940
Gazelle Pietertje DeKol, 73156, A. J. Daugherity	4	1	11	18	7	423.5	3.79	16.083
	4	1	11	9	18	1.033.8	3.88	40.156
Johanna Burke DeKol, 67119, E. C. Petrie	4	0	11	32	7	421.9	3.32	14.046
Lily Netherland Pauline, 64002, A. W. Brown	4	0	7	33	7	451.7	3.10	14.009
Ophelia Bleeker DeKol, 65369, Geo. T. Tuckerman	4	4	3	44	7	415.1	3.30	13.705
Charity Countess, 66906, F. P. Knowles	4	0	20	12	7	375.4	3.48	13.091
Lady Ethel Paul, 63967, W. W. Cheney	4	0	28	41	7	374.0	3.32	12.417
Winona Colantha, 65839, Harvey S. Day	4	3	3	31	7	363.5	2.98	10.848
Carrie Houwtje Lenore, 63835, Browning & McPherson	4	0	2	32	7	358.2	2.92	10.459
Pontiac DeKol, 65758, Stevens Bros.-Hastings Co	3	8	20	12	7	433.9	3.92	16.990
	3	8	20	23	30	1,812.5	3.70	66.989
Lucy Belle DeKol, 66873 Edgar Collier	3	11	2	26	7	434.6	3.51	15.295
Canary Mercedes Korndyke, 69994, A. W. Brown	3	7	5	15	7	481.8	3.12	15.038
Nancy Pledge Princess, 76825, J. R. Frost	3	11	13	53	7	462.3	3.23	14.948
Agnes Korndyke Lucelia, 80324, H. C. Guild	3	8	9	12	7	352.3	3.69	13.002
Pietertje Dellburn DeKol, 84059, Stevens Bros.-H. Co	3	8	21	33	7	338.4	3.72	12.599
Eurexena DeKol, 68132, O. C. Smith Co	3	8	9	61	7	344.3	3.63	12.513
Daisy Pauline DeKol, 66174, Brattleboro Retreat Farm	3	9	1	16	7	384.3	3.04	11.692
Arline Abbekerk, 66870, Edgar Collier	3	10	24	80	7	337.2	3.31	11.178
Luna Maud Tekstra Velstra, 70416, R. P. Kutschbach	3	7	3	6	7	332.8	3.25	10.826
Sporting Oakland Maiden, 74550 D. H. Goodell	3	7	13	65	7	345.5	3.12	10.784
Gerben Queen, 68164, M. E. Moore	3	3	5	11	7	461.5	3.16	14,600
Netherland Princess Aaggie DeKol, 77538, A. J. Daughertiy	3	0	29	6	7	321.1	4.13	13.263
A. & G. Kekke Piebe DeKol, 65488, A. W. Brown	3	5	17	33	7	340.4	3.57	12.136
Countess Beryl Clothilde DeKol, 70906, D. P. Honeywell	3	4	20	40	7	388.2	3.03	11.776
Serena Silky Oakland, 74551, D. H. Goodell	3	1	14	14	7	343.0	2.82	10.193
Margaret Netherland Abbekerk, 80314, Edgar Collier	3	1	4	25	7	278.3	3.55	9.902
Netherland Kodienna 3d, 67709, Browning & McPherson	3	2	13	13	7	353.9	2.76	9.775
Shadeland Lilla May DeKol, 69658, John J. Weiler	3	1	12	17	7	280.3	3.46	9.694
Friend Grace DeKol 74072, A. W. Brown	2	9	5	27	7	491.6	3.11	15.295
	2	9	5	8	30	1,942.0	3.14	61.109

Stiensma 2d, 74346, J. W. Dimick	2	9	13	6	7	281.0	4.37	12.277
Meg Rector 3d's DeKol 2d, 77690, A. J. Daugherity	2	11	13	22	7	326.2	3.73	12.169
Waneta Calamo Pietertje, 73006, E. A. Vandervort	2	11	24	36	7	364.7	3.54	12.008
Veeman Spofford, 70477, E. H. Knapp	2	8	22	29	7	394.1	3.00	11.806
Maid Barrington Jewel, 73005, E. A. Vandervort	2	11	23	46	7	309.9	3.78	11.719
Bessie DeKol Abbekerk, 80313, Edgar Collier	2	10	29	86	7	319.7	3.51	11.253
Segis Friend Korndyke DeKol 71020, J. B. Marcou	2	7	0	7	7	334.3	3.21	10.726
Queen Lilith 76247, Miss E. I. Ballantine	2	6	17	26	7	331.3	3.18	10.550
	2	6	17	19	14	645.0	3.11	20.085
Marion Belle DeKol Pietertje, 71913, L'gworthy & Morris	2	11	13	23	7	290.0	3.40	9.851
Vikina Pauline Vera, 74992, E. A. Vandervort	2	7	18	25	7	285.9	3.35	9.574
Almeda Concordia DeKol, 71364, Guild & Roberts	2	8	8	11	7	256.0	3.73	9.550
Zolulu Clothilde 3d, 74619, The O. C. Smith Co	2	8	11	58	7	300.0	3.16	9.488
Ruby Pietertje Goudgeld, 76767, Langworthy & Morris	2	6	4	32	7	282.8	3 24	9.172
Delphina 2d's Manor, 74622, The O. C. Smith Co	2	6	26	40	7	303.1	2.91	8.817
Genevra Mercedes DeKol, 77831 M. F. Peck	2	3	6	7	7	312.6	4.57	14.295
Lady Pietertje Rue, 77536, University of Illinois	2	5	4	14	7	376.9	3 27	12.312
Johanna Rue Lady Colantha, 75387, W. W. Cheney	2	0	23	27	7	337.0	3.59	12.082
Lucyra Mercedes DeKol, 77832, M. F. Peck	2	1	14	17	7	348.2	3.29	11.456
Heegstra Pietertje Johanna 2d, 76586, Fred F. Field	2	4	6	36	7	360.3	3 04	10.972
Jewel Pauline Wayne, 72819, Geo. C. Mosher	2	4	3	21	7	359.4	2.98	10.724
	2	4	3	21	14	715.5	2.90	20.737
Duchess Ormsby 2d's Hengerveld DeKol 2d, 72949, Guild & Roberts	2	2	2	20	7	336.0	3.16	10.643
	2	2	2	15	14	648.3	3.17	20.557
Violet DeKol Wayne, 72700, Geo. C. Mosher	2	2	17	27	7	316.4	3.35	10.612
	2	2	17	24	14	630.7	3.28	20.723
Abbie Nether'and DeKol, 80065, Edgar Collier	2	2	13	10	7	268.6	3 84	10.322
Grace Pietertje Piebe, 79028 A. W. Brown	2	1	14	14	7	320.5	3.19	10.235
Nettie DeKol Abbekerk, 80063, Edgar Collier	2	0	10	12	7	258.6	3.87	10.026
Inka Princess Grand Daughter, 76587, Fred F. Field	2	4	25	24	7	346.1	2.81	9.741
Luecke Nellie Ann, 74484, H. C. Guild	2	2	3	11	7	334.8	2.89	9.676
Lady Nudine DeKol Aaggie, 79736, The O. C. Smith Co	1	10	17	69	7	302.5	3.19	9.654
Lilith Grindetia DeKol, 74663, Miss E. I. Ballantine	2	3	25	10	7	280.4	3.44	9 648
Crescent Beauty Canary, 83924, I. M. Shorman	2	2	22	11	7	268.2	3.59	9.629
Duanna Paul, 75548, O. S. Langworthy	2	5	29	36	7	314.8	3.03	9.625
Gladys Sietsche, 71615 W. W. Cheney	2	5	3	75	7	285.1	3.29	9.393
Minnie May Abbekerk 80069, Edgar Collier	2	1	28	25	7	278.1	3.35	9.321
Neah Pauline 3d, 77554 J. W. Dimick	2	4	26	13	7	257.0	3.61	9.286
Luecke Bess Concordia, 74483, H. C. Guild	2	2	25	9	7	278.1	3.34	9.279
Paul DeKol Aaggie Queen 3d, 75445, D. H. Goodell	2	4	21	131	7	277.8	3.29	9.131
Aaggie of Lynfeld Countess DeKol, 80946, J. W. Dimick	1	11	9	11	7	225.8	3.96	8.936
Lady Aaggie Statesman, 76442, Dunham Bros	2	2	7	30	7	267.1	3.33	8.902
Rouble Pietertje Princess, 82145, Fred F. Field	2	1	4	17	7	261.6	3.27	8.574
Elsie Ondine 2d, 78104, G. DeForest Hunt & Co	2	2	21	70	7	252.9	3.27	8.264
Lady Pietertje America, 79737, The O. C. Smith Co	1	10	1	58	7	256.6	3.20	8.199
Daisy Lincoln DeKol, 79363, D. H. Goodell	2	1	25	23	7	236.6	3.42	8.081
Paragon Pleiades DeKol, 74788 Browning & McPherson	2	0	17	65	7	230.3	3.46	7.974
Christina Evelyn Burke, 78437, E. A. Vandervort	1	9	5	92	7	242.6	3.16	7.673
Lady Artis Hengerveld Burke DeKol, 78206, J. H. Meade & Son	2	1	8	41	7	226.1	3.39	7.671
Records begun at least Eight Months after Calving.								
Genie Clothilde, 48097, W. W. Cheney	7	1	6	268	7	319.5	3.37	10.765
Prior record						444.1		18.152
Lucy Pietertje Hartog, 50765, Geo. T. Tuckerman	7	2	6	258	7	321.2	3.30	10.588
Prior record						448.1		16.019
DeKol Pietertje Goudgeld, 69509, Langworthy & Morris	2	11	26	245	7	234.1	2.99	6.996
Prior record						330.0		10.993
Tidy Pauline DeKol 2d, 83916, H. Bollert, Cassel	2	3	7	284	7	265.6	4.27	11.363
Prior record						387.4		12.341
Anna Spofford, 63724, G. DeForest Hunt & Co	4	2	5	291	7	235.1	3.46	8.151
Prior record						459.1		14.030
Colanthus Pietertje Mercedes DeKol, 72744, M. F. Peck	2	5	10	241	7	179.9	4.09	7.365
Prior record						355.4		13.918
Hengerveld Clothilde Imperial, 72244, Langworthy & Morris	2	5	6	276	7	186.1	3.40	6.321
Prior record						330.0		10.437

Delavan, Wis., Jan. 22, 1907. MALCOLM H. GARDNER, Supt. of Advanced Registry.

soon be well; but it is more convenient to fill our stomachs with a concoction of bitter herbs, than the white wine of Alsace."

When I became frightened because of the fever, and this that I saw, he put on an air half grieved and half vexed, and looking at me with his great grey eyes, said:

"Josephel, are you such a fool as to be afraid? Do you think that such old fellows as we can die in a hospital? No! No, get this idea out of your head."

But every morning the physicians made their rounds and found seven or eight dead. Some were attacked by a fever, others by a chill, and the end was always the stretcher, that one saw pass on the shoulders of the attendants.

Zimmer said to me:

"Josephel, all this comes from bad drugs invented by the physicians Do you see that tall lean fellow? He can boast of having killed more men than a field battery. He is always loaded with mitrail and the match lighted. And this little brown one; if I was the Emperer, I would send him to the Prussians and Russians, he would kill more of them than an army corps."

He would have made me laugh with his pleasantries, if I had not seen the stretchers pass.

(To be Continued.)

Small Boy—Want yer satchel carried, mister?

Traveller—Why, you're too little my son, to carry as heavy a satchel as this.

Small Boy—Yes'r. Mebby you wouldn't mind givin' me a nickel for offerin' to kerry it.

Transfers.

Transfer List for the Week Ending December 15, 1906.

(Continued from last issue.)

P. R. Bennett, Milford.
Nellie Price 5th's Pride, Frank Morton to Arthur McIntosh, Almond.
Second Trijntje Kuperus' Stella, Est. B. F. Spooner to M. G. Spooner and from M. G. Spooner to John J. Taylor, Hamilton.
Topsy De Kol Perfection, Ira S. Jarvis to Homer H. Potter, West Oneonta.
Vernango 2d's Pietertje Netherland, W. B. Gates to Elmer Spaulding, New Berlin.
Wayne Mechthilde De Kol of Forest Hill, Theodore Young to Frank W. Simonds, Darien Center.
Wittekind Netherland Naiad, Chauncey E. Smith to Henry Lee, Towners.

OHIO.

Cherry Valley Bell, C. W. Hart to F. D. Crosby, Andover.
Daisy Lincoln De Kol Albrice, Thomas Hurd to Daniel Moeller, Celina.
De Kol Butter Girl Taffy, L. P. Gillis to D. S. Lotz, Kinsman.
Echo Colantha Netherland De Kol, L. P. Gillis to L. F. Ogelby, Kinsman.
Hettie Ramona Thorne, J. O. Stevenson to D. N. Myers, Sullivan.
Molly Lincoln De Kol Albrice, Thomas Hurd to Daniel Moeller, Celina.
Princess Alice De Kol Netherland, Thomas Hurd to Ireton Brothers, Blanchester.

ONTARIO.

Aaggie Grace Manor Josephine, Brookside Queen Aaggie Grace, Manor De Kol Alberta, W. H. Grenell to G. A. Gilroy, Glen Buell.
Coral De Kol's Pet, W. H. Grenell to G. H. Manhard, Manhard.
De Kol Madura Clothilde, W. H. Grenell to G. H. Manhard, Manhard.

PENNSYLVANIA.

Celosia Pietertje De Kol, Homestead Pride Boon De. Kol, Voliska Pietertje De Kol 4th, A. E. Robinson to G. M. & S. S. Lyon, Wyalusing.
Anna Eliza Clothilde, A. E. Robinson to W. A. Lathrop, Montrose.
Celosia Beauty De Kol, A. E. Robinson to H. G. Lake, South Montrose.
Netherland Aaggie De Kol Boon, A. E. Robinson to E. D. Ellsworth, Meshoppen.
Pietertje Netherland Bess, A. E. Robinson to F. S. Lewis, Montraose.
Voliska 2d's Edith, A. E. Robinson to I. Verry, Fairdale.
Voliska Edith De Kol, A. E. Robinson to F. S. Lewis, Montrose.
Voliska Netherland Aaggie, A. E. Robinson to E. D. Ellsworth, Meshoppen.
Voliska Pietertje De Kol, A. E. Robinson to Mrs. W. E. Norris, Dimock.
Deerkje Netherland Clothilde, Deerkje Tweede De Kol, Florence Dellburn Mechthilde, Florence Dellburn Mechthilde 2d, Netherland Clothilde Tweede, Netherland Pietertje De Kol Tweede, Netherland Tweede Pietertje, Pietertje Dellburn De Kol, Pietertje Dellburn De Kol 2d, Plum De Kol Lass, Plum De Kol Lass 2d, Plum De Kol Lass Daisy, Plum De Kol Lass Daisy 2d, Plum Pietertje De Kol Lass, Snowdrop De Kol, Tweede De Kol Lass, Tweede Plum De Kol, Tweede White Lady, White Lady of Dellburn 2d, Grubb & Webster to Stevens Bros.—Hastings Co., Liverpool.
Lakeside Pauline Artis, Lakeside De Kol Posch, Mercedes Tietje Keyes, Pauline Mercedes Tietje, Pearl Pauline Artis, W. H. Carrier to E. A. Powell, Syracuse.
Aaggie Jetsie De Kol, J. W. Dimick to M. H. Kelly, Roxbury.
Aaggie of Lynfelds Genesta, J. M. Ham to I. C. Barnes, New Paltz.
Agatha Princess Pietertje, Davis Brothers to John Williams, Mexico.
Anna Eliza Clothide De Kol, B. H. Decke, to H. W. Low, Dwaarkill.
Butter Boy Silver Glass, S. C. Brown to F. H. Thompson & Son, Holland Patent.
Butterfly Netherland Canary, W. W. Cheney to Charles L. Collin, Fayetville.
Carlotta King, E. C. Brill to N. F. Sholes, Earlville.
Clelia Miller, Minor Gage to Herbert Birch, Union.
Concordia Paul Cornucopia, M. S. Nye to L. F. Rowe, Otego.
Countess De Kol Clothilde, Lewis Neill to C. F. Carter, Syracuse.
Dutch Nannett, F. D. Adams to Jay Brown, Munnsville.
Flint Lady De Kol Burke, W. F. Saunders to H. H. & D. H. Fuller, Scio.
Grazia Arline De Kol, Elmer Traver to J. P. Ahrens, Deposit.
Jamaica of Lynfeld 3d, J. M. Ham to I. C. Barnes, New Paltz.
Jennie Zozo Pauline, E. J. Tefft to H. N. Sexton, Earlville.
Jewel Raphaella De Kol, L. S. Jarvis to H. C. Swartout, Hartwick Seminary.
Josie R. W. F. Saunders to H. H. & D. H. Fuller, Scio.
Kate Nannett. F. D. Adams to Jay Brown Munnsville.
Korndyke Mercedes De Kol, W. B. Gates to Seth White, South Edmeston.
Lady Jewel Echo Mechthilde, Minor Gage to Herbert Birch, Union.
Luna Clothilde Pietertje, Elmer Traver to J. P. Ahrens, Deposit.
May Flower of Elm Shade 2d, C. A. Light to Voliska Pietertje De Kol 2d, A. E. Robinson to C. L. Snyder, Kingsley.
Voliska Pietertje De Kol 3d, A. E. Robinson to Mrs. W. F. Norris, Dimock.

VERMONT.

Dixie Copia De Kol, Janette De Kol, Leah De Kol Wayne, Posch Eloise, W. B. Dodds to M. S. Whitcomb, Richmond.
Medfield Koningen, Merfield Insane Asylum to W. P. Bixby, Ludlow.

VIRGINIA.

Bessie Clothilde Veeman, T. O. Sandy to M. E. Coffman, Nokesville.
Elsie Netherland Artis, T. O. Sandy to E. Roland Cook, Roanoke.
Netherland Clothilde Annie, T. O. Sandy to J. Willard Makely, Clifton.

WISCONSIN.

Clifden Clothilde 2d, Cressy Erma Jeltjie, Johanna Clifden Veritas, Johanna Valensia Queen, Veronica of Sunny Side, L. G. Legler to W. R. Gates, Ft. Atkinson.
Dorinda Jewel 2d, Duchess Sarcastic, Lady Sylva, Lady Vevie De Kol, La Renia Bell Sir Henry, Lulu Bomaz, Lulu Moore, Piebe Empress, Piebe Pense, Piebe Watson, W. S. Corpenter to Wm. Everson, Lake Mills.
Flora Porcelein, A. E. Howard to W. J. Cox, Whitewater.
Heilo Lady Lass, Wm. Schiffler to W. R. Gates, Fort Atkinson.
Josie Bismark De Kol 2d, S. B. Jones & Son to Herman Luebke, Watertown.
Lily De Kol Barrington, A. E. Howard to H. F. Weaver, Elkhorn.
Lizzie Barrington, A. E. Howard to H. G. Johnson, Whitewater.

BULLS.

CONNECTICUT.

Aaggie Calamity Count, E. C. Brill to L. S. Dickerson, Bridgewater.
Lord Netherland De Kol Alpha, E. C. Brill to R. M. Warner, Bridgewater.

ILLINOIS.

Mercedes Bettina De Kol, A. B. Nokes & Sons to Wm. McCray, Cissnapark.
Sarcastic Echo, Universtiy of Ill. to T. F. Jordan, Savoy.

MAINE.

Valley Chief Gerben, Edgar H. Libby to Warren Ramsdell, Harrington.

MASSACHUSETTS.

Prince Dexter Johanna, F. P. Knowles to J. H. D. Whitcomb and from J. H. D. Whitcomb to Alger Bros., Cochesett.

MICHIGAN.

Canary Sir Houwtje Barnum, J. Fred Smith to D. C. Richards, Cohoctah.
Rundel De Kol Concordia, O. E. Rundel to W. E. Rundel, Saline.

MISSISSIPPI.

Lady Truth Johanna Lad, M. E. Moore to Miss. Agr'l College, Agricultural College.

MISSOURI.

Sir Johanna Colantha Fayne, R. W. Maguire to M. E. Moore, Cameron.

NEW JERSEY.

Edgewood Prince, Jacob Todd, Jr., to Fred O. Van Aulen, Ringoes.
Prince Homestead De Kol 2d, C. L. Roberts to Frederick N. Taft, Middleton.
Prince Houwtje Netherland, F. E. Williams to W. E. Nichols, Deerfield.

NEW YORK.

Albert Clyde, Est. Chas. A. Wheeler to A. G. Loomis, Deposit.
Baron Netherland De Kol, E. C. Brill to Morris P. Meade, Wingdale.
Burke De Kol's Roeltje, D. H. & H. H. Fuller to Chas. M. Ostell, Friendship.
Duke of Rosedene De Kol, Samuel F. McElwain to L. N. Hill, New Albion.
Goldsmith De Kol, J. W. Goldsmith to Geo. H. Knickerbocker, Pine Plains.
Hero Clyde, Est. Chas. A. Wheeler to E. A. Powell, Syracuse.
Johanna Bonheur Sarcastic Lad, C. A. Talbot to F. P. West, West Edmeston.
Junior De Kol Lad, E. H. Dollar to D. W. Watkins, Holland Patent.
Lord Milda Mechthilde De Kol, W. R. Crandall to J. H. Putnam, Troupsburg.
Lord Netherland Count De Kol 3d, E. C. Brill to Frank L. Robinson, Towners.
Ophelia Jane 2d's Pietertje, Wing R. Smith to Est. D. Rosenbloom, Syracuse.
Patma Clyde, Est. Chas. A. Wheeler to A. G. Loomis, Deposit.
Paul Ononis De Kol, J. T. Howell to J. T. Rutherford, Walton.
Pietertje Burke Clothilde Boy, C. D. Smith to Stephen W. Smith, Ephratah.
Pietertje Netherland Mercedes, W. W. McElhone to James McCabe, Wallkill.
Pontiac Hengerveld Parthenea, Davis Brothers to Edward E. Cady, Brooklyn.
Prince Aaggie De Kol Wayne, S. R. & J. B. Jones to M. J. Fryer, Marcy.
Prince Nannette Pledge De Kol, E. H. Dollar to W. J. Decker, Remsen.
Riverlawn Pietertje Prince, F. L. Cook to A. P. Baldwin, Pitcher.
Sir Elnora Johanna, Fuller Est. & H. H. Fuller to C. A. Sawyer, Friendship.
Sir George of Elmwood, N. F. Sholes to G. H. Greaves, Whitney Point.
Teddy Convent Gorter De Kol, Naomi Farm to W. S. Taylor & Son, Kanona.

NORTH DAKOTA.

Lady De Kol Pauline Duke, Wisc. Live Stock Association to Brown Dairy, Dickinson.

OHIO.

Insperation Lad, W. B. Smith & Son to J. E. Myers, Wagram.
Margolyn 2d's Clyde Paul, W. B. Smith & Son to E. M. Boyles, North Lewisburg.
Rose Duke of Shelbark, G. W. Miller to G. B. Roice, Wellington.
Sully Hengerveld De Kol, Geo. F. Carter to George Millar, Sullivan.

PENNSYLVANIA.

Blackwell Pietertje De Kol King, Fred Dixon to W. M. Benninger and from W. M. Benninger to M. L. Blackwell, Galilee.
Carroll Govers, M. W. Richmond to Norman Chatman, Genesee.
Earl Boon Paul De Kol, A. E. Robinson to F. H. Kent, Brooklyn.
King Karl De Kol, E. C. Brill to D. F. Maroney, Pittsburg.
Lord Aaggie Cornucopia Paul, A. E. Robinson to F. S. Lewis, Montrose.
Vera Pietertje Count De Kol, O. J. Godfrey to W. P. Mayhugh, Elizabeth.

VERMONT.

Clothilde Hengerveld Paul De Kol, A. A. Smead to Mrs. Emma V. Vail, Middletown, Springs.
Paul Posch De Kol, W. B. Dodds to M. S. Whitcomb, Richmond.

VIRGINIA.

Pontiac Arcas, Eastern Mich. Asylum to Hollins Institute, Hollins.
Soldene Netherland of Hollins, Hollins Institute to Roland E. Cook, Roanoke.

WASHINGTON.

Sumner Prince Clothilde, Frank McCarty to Clarence Merritt, Auburn.

WISCONSIN.

De Freul Josephine De Kol, Carl Foll to E. A. Peters, Sharon.
Fritz Johanna De Kol, H. F. Weaver to Emon Weeks, Millard.
Johanna De Kol Sir Mechthilde, H. F. Weaver to Frank Cusack, Darien.
Johanna Parthenea Sarcastic Lad, L. G. Legler to S. J. Johnson, Blanchardville.
Lucky Boy Pietertje, C. E. Westphall to A. L. Hummel, Fort Atkinson.
Paul Piebe Mercedes, Carl Foll to E. A. Peters, Sharon.
Rigtje 3d's Mutual Friend, A. H. Wigemann to Frank Skalitzky, Danville.
Sih Netherland De Kol Leda, Wm. Schiffler to W. R. Gates, Fort Atkinson.
Sir Netherland Pearl Pauline, Wm. Schiffler to W. R. Gates, Fort Atkinson.
Tietje Burke Longfield Tritomia, L. G. Legler to O. R. Olson, Blanchardville.

Transfer List for the Week Ending December 22, 1906.

COWS.

CONNECTICUT.

Bessie of Highwood Artis De Kol, Hamilton & Co. to J. L. Gorham, Jr., Highwood.

DISTRICT OF COLUMBIA.

Daisy De Kol Countess, D. W. Field to Edward J. Stellwagon, Washington.

ILLINOIS.

Alice G. Aconeth Pietertje 2d, Lady Piebe Longfield De Kol, Netherland Pietertje Johanna, A. L. Williams to J. K. Rathbun, Lombard.
Daisy Baker Beauty, Golden Glow 2d's Lady, Jenny Pledge Beauty, Maud Mercedes Beauty, Pearl Pink Beauty, from A. B. Nokes & Sons to F. W. Pfingsten, Itasca.
Cora Magda Bessie, Erna's Mira, Kirby 4th, A. Fuchs to G. W. Whittingtan, Elgin.
Gaza Aconeth De Kol, Gaza Aconeth De Kol Albino, Houwtje Pietertje De Kol Albino, Princess Johanna Aaggie, from M. S. Campbell to H. H. Tegenkamp, Effingham.
Lassie Florence Herbert Josephine, H. C. LaBrec to B. D. Stevenson, Harvard.
Lassie Mechthilde Pietertje, H. C. LaBrec to B. D. Stevenson, Harvard.

IOWA.

Blackey Mercedes, August Winter to D. J. DeHoogh, Boyden.

KANSAS.

Empress Josephine 3d's Mechthilde, Princess Pel De Kol, Queen Josephine Gerben De Kol, Wartena De Kol, from C. F. Stone to O. J. Duncan, Coffeyville.

MASSACHUSETTS.

Aaggie May Mercedes Nephele, O. J. Godfey to E. W. Coombs & Son, Bardwells Ferry.
Constance De Kol Burke. M. T. Carrigan to J. H. D. Whitcomb, Littleton.

Inka De Kol Burke, M. T. Carrigan to J. H. D. Whitcomb, Littleton.
Kismet Pride, Arthur Perrin to Robert G. Shaw 2nd, Brookline.

MICHIGAN.

Lady Vyke Jufrou, A. G. Baker to L. W. Harwood, Sand Creek.
Osceola De Kol Beryl Wayne, W. W. Gardner & M. B. Curdy to W. W. Gardner, Howell.
Rhea Calamity Jane, H. W. Norton to Mich. Agri'l College, Agricultural College.
Tulip Pietertje Koningen, M. S. Nye to R. B. Gillett, Benton Harbor.
Ula Silva Zante 4th, Wm. Holmes & Son to Wm. Donovan, Menominee.

NEBRASKA.

Netherland Mercedes Artis Duplex, W. H. Outt to E. D. & L. E. Carruth, Lincoln.

NEW JERSEY.

Belle Netherland De Kol Aaggie, J. M. Allen to John V. Huff, Jr., Neshanic Station.
Catrina 7th's Pauline Beets, H. A. Moyer to A. A. Cortelyou, Somerville.
Maple Grove Floy De Kol, H. C. Huff to E. W. Huff, Neshanic Station.

NEW YORK.

Aaggie De Kol Johanna Hartog, Aaggie Lelia Hartog Jewel, Aaggie Maplecroft De Kol, Aaggie Pauline De Kol Hengerveld, Aaggie Pauline De Kol Leila, Fern Aaggie Jewel, Gertrude Pietertje Skip, Gertrude Pietertje Johanna, Tennessee De Kol Jewel, Tennessee Jewel Johanna, Tennessee Skip De Kol Johanna, from Est. A. J. Baltz to J. L. Baltz, Lafargeville.
Adriaantje Pauline, Bawn Buckeye 4th, Bodora Pauline De Kol, Inka Cornucopia De Kol Netherland, R. E. Coe to N. F. Sholes, Earlville.
Agnes of Pleasant View Farm 2d's Rose, Lady Pietertje Pauline, Onenyta Belle 2d, Pauline of Pleasant View Farm 3d, from I. J. Taynton to R. P. Hartshorn, Lebanon.
Flora Beauty Aaggie, Homestead Flora, Quoque Belle, Quoque Ruth, Quoque Bessie, Susa Pietertje Bergsma, O. D. Brainard to C. G. Green, Hubbardsville.
Joan of Arc's Empress 4th, Onyx Monk, Queen Joan of the Hills, Victoria Empress, Chas. C. Baldwin to Chas. P. Brown, Canastota.
Aaggie De Kol Annie 2d, L. G. Kirkland to Frank Fuller, Conewango.
Aaggie Lee Clothilde, L. G. Kirkland to Frank Fuller, Conewango.
Addie Staple, Est. E. A. Fish to George Berry, Cortland.
Agnes of Pleasant View Farm 4th, I. J. Taynton to D. B. Utter, Georgetown Station.
Belle De Kol Jewel, Est. Ives & Jewell to E. A. Vandervort, Sidney.
Bertha Clothilde De Kol, W. E. Jones to John O. Jones, Remsen.
Carlotta King, N. F. Sholes to Geo. W. Berry, Poolville.
Clothilde Pauline Beets, H. A. Moyer to E. E. Cady, Brooklyn.
Christmas De Kol Burke, Arthur Wyatt to Horace V. Bump, Cambridge.
De Kol Aaggie Pauline, C. F. Corey to E. A. Powell, Syracuse.
De Kol Burke Imperial Duchess, H. M. Dunham to Stevens Bros.-Hastings Co., Lacona.
Emma Ruth, Arthur Wyatt to William H. Carpenter, Tiashoke.
Empress of Pleasant View Farm Jessie, I. J. Taynton to D. B. Utter, Georgetown Sta.
Erma Lipkje Pet, C. C. VanValkenburg to E. J. Brink, East Masonville.
Hazel Daphne Burke, J. H. Bennett to G. B. Rickett, Rosier.
Helena Bell De Kol, C. F. Lull to H. A. Robinson, So. New Berlin.
Hokie Fern, J. H. Bennett to G. B. Rickett, Rosier.
Idske De Pew De Kol Clothilde, K. J. Hathaway to H. Bernard, Schenevus.
Japonica Vero Mechthilde 3d, Geo. W. Williamson to N. E. Coston, Greenwood.
Jewel Hengerveld De Kol 2d, H. Stevens & Son to Chas. S. Bryan and from Chas. S. Bryan to H. L. Bronson, Cortland.
Johanna Vernon De Kol, Geo. D. Sherman to H. A. Moyer, Syracuse.
Juia Korndyke De Kol, Est. J. Harvey Smith to C. D. Smith, Fort Plain.
Katy Pauline De Kol, E. L. Slate to M. G. Spooner, Solsville.
Lady Akster, Fidelia Sims to William Sweetland, McLean.
Lena De Kol, Wm. J. Beck to John H. Phelps, Vernon.
Lilla De Kol Beryl Wayne, D. J. Hollis to Henry Stevens & Son, Lacona.
Lodanika's Mink, L. Conne to Geo. E. McCord, New Paltz.
Loretta of Elmwood, Truman Couch to G. H. Greaves and from G. H. Greaves to E. A. Powell, Syracuse.
Maud May Lipkie, C. C. VanVolkenburg to E. J. Brink, East Masonville.
Molly Korndyke Pietertje De Kol, C. D. Smith to Stephen W. Smith, St. Johnsville.
Nesho Aaggie De Kol 2d, C. E. Lull to H. A. Robinson, So. New Berlin.
Niko Artis De Kol Clothilde, K. J. Hathaway to H. Bernard, Schenevus.
Parthenea Bell, W. S. Moore to H. A. Robinson, South New Berlin.
Pietertje Burke, John Many to George Wetherell, Oriskany.
Pietertje Pauline of Pawline, Geo. E. Jennings to Henry Beacon, Cormel.
Pietertje Paul Princess, H. L. Bronson to Ed. Leach, Blodgett Mills.
Rosaline of Elmwood, G. H. Greaves to E. A. Powell, Syracuse.
Ruth Idske De Kol 2d, K. J. Hathaway to Delos Haton, Laurens.
Sadie Netherland Barrington 2d, F. N. Watkins to Herbert Watkins, Camden.
Trijntje Hengerveld De Kol, Eugene LaMunion to John Phelps, Solsville.
Wietske De Kol's Calamity, John W. Worthington to F. R. Hazard, Syracuse.
Wietske Mercedes Pietertje, J. W. Worthington to F. R. Hazard, Syracuse.

NORTH CAROLINA.

Pink Netherland Veeman, T. O. Sandy to W. H. Moore, Roxboro.

OHIO.

Bertha Gilt Edge, M. A. Crile to C. F. Reif, Barrs Mills.
Black Ophelia 2d, G. W. Millar to D. Barnes, Homerville.
Delphina 2d's Netherland, The O. C. Smith Co. to R. P. Winham, Painesville.
Gerben Jennie Mercedes 3d, L. G. Hewins to C. L. Hewins, Garrettsville.
Gerben eJnnie Mercedes 2d, L. G. Hewins to C. L. Hewins, Garrettsville.
Lucy Lyons Nudine, J. W. Kugler to Tom Higham, Waynesburg.
Netherland Oak Blossom 3d, Thomas Hurd to LeRoy R. Hurd, Montezuma.
Shrine 2d's Favorite, M. A. Crile to C. F. Reif, Barr Mills.
Wayne De Kol Queen, Easthope & Biery to Hackett and from Wm. Hackett to Wm. Hoffman, Phalanx.

PENNSYLVANIA.

Aaggie Colantha De Kol Jewel, H. M. Lyon & Sons to G. M. & S. S. Lyon, Wyalusing.
Johanna Colantha Aaggie De Kol, G. M. & S. S. Lyon to S. S. Davis, Larue.
Maryetta Pender 3d, J. A. Rankin to Geo. Cummins, Canonsburg.

VERMONT.

Ada Lucelia, S. J. White to B. M. Weld, New Haven.
Constance De Kol Burke, J. H. D. Whitecomb to F. W. Draper, Enosburg Falls.
Mollie Hatch Concordia, H. C. Guild to David N. Haynes, North Clarendon.
Pauline Lucelia De Kol, S. J. White to B. M. Weld, New Haven.

VIRGINIA.

Almedia Reynolds Netherland, T. O. Sandy to E. Rolland Cook, Roanoke.
Maud Abbekerk Netherland, T. O. Sandy to M. E. Coffman, Nokesville.
Netta Netherland Abbekerk, T. O. Sandy to E. Rolland Cook, Roanoke.

WISCONSIN.

Creole Belle Johanna, Johanna Maid 2d, Queen Isabelle Netherland, from J. E. Gilbert to Nim ohnson, Elkhorn.
G. Siam De Kol, Jersey Mercedes Astrea, Jenny Mercedes Astrea Pearl, Lottie Pietertje Paul De Kol, Siam Brighest, Siam De Kol Perfection, Susie Pietertje Mercedes, S. S. Peebles & Son to E. C. Peeble, Fand du Lac.
Alderley Apple Blossoms, A. L. Williams to Bernard Fetzer, Whitelaw.
Alice Spofford Aconeth, A. L. Williams to John Fellenz, Kewaskum.
Alma Wartena Longfield De Kol, A. L. Williams to John Fellenz, Kewaskum.
Aurora Piebe De Kol Gem, F. B. Fargo to F. A. Huebner, Knowlton.
Bell Moore Zante, W. S. Carpenter to Wm. Everson, Lake Mills.
Bessie Queen 2d, A. Two to John Hetts, Fort Atkinson.
Johanna Theresa, A. L. Williams to Chas. Crabb, West Depere.
Johanna van Beers Clothilde, F. B. Fargo to C. H. Beaumont, Honey Creek.
Long field Johanna De Kol, A. L. Williams to Bernard Fetzer, Whitelaw.
Lula Lady Bug, Jas. H. Richardson to Chas. Becker, Ft. Atkinson.
Mary Mercedes Zipsy, A. L. Williams to Edwin Gibbs, Fox Lake.
Mercedes Belmont 4th, E. T. Wescott to John C. Voss, Elkhorn.
Mercedes Coblentz 3d, Nick Grimm to A. Calder, Allenville.
Minnie Mercedes Mechthilde, A. L. Williams to Chas. Crabb, West Depere.
Mutual Friend Piebe De Kol, F. B. Fargo to C. H. Beaumont, Honey Creek.
Nazli Johanna Pauline, M. E. McHeffie to A. Siegert, Appleton.
Netherland Silva, M. Nelson to A. G. Pingel, Chilton.
Pearl Piebe De Kol Hengerveld, F. B. Fargo to F. A. Huebner, Knowlton.
Piebe Jewel, W. S. Carpenter to Wm. Everson, Lake Mills.
Queen Ruiter Mercedes De Kol, J. H. Richardson to A. M. Anderson, Whitewater.
Ramona Monk Van Beets, T. F. Vannedom to J. M. Rolsma, Arpin.
Theresa De Kol Beauty 2d, B. Sommerfeld to Christ Indermuehle, Juneau.
Ula Silva De Kol Bettina, M. Nelson to A. G. Pingel, Chilton.

BULLS.

CONNECTICUT.

Wayne Paul De Kol Count 2nd, J. R. Hatch to E. S. Hatch, Danbury.

DELAWARE.

Frontier Hengerveld Korndyke, F. W. Ames to A. J. Draper, Wyoming.

ILLINOIS.

Butter Boy Leda, A. Fuchs to L. F. Rohrssen, Elgin.
Daisy Josephine De Kol Lad, H. C. LaBrec to H. D. Crumb, Harvard.
De Kol Homestead, A. L. Williams to J. K. Rathbun, Lombard.
Jessie Fobes Tritomia De Kol Burke 4th, J. L. Mason to J. P. Mason, Elgin.
Portage De Kol Lad, H. C. LaBrec to H. D. Crumb, Harvard.

INDIANA.

Princess Jewel Lyons Monk, Marshall Gwinn to Byron McPherson, Kirklin.

KANSAS.

Gerben Prince of Rosedale, C. F. Stone to Mrs. K. W. Cross, Emporia.
Prince Aaggie Careme Parthenea, Geo. C. Mosher to P. F. Cook, McLouth.

MAINE.

Golden King, W. W. Dunham to L. M. Mann, West Paris.
King William Colanthus Clay 2d, W. W. Dunham to Frank L. Haley, Convene.

MARYLAND.

Louverse Barnum Calamity, J. D. Harp to J. W. Morris, Hagerstown.
Sir Frederick Jewel Colanthus, E. A. Vandervort to A. S. Worden, Frederick.

MASSACHUSETTS.

Prize Winner Clothilde Lad, J. H. D. Whitcomb to N. H. Fairbanks, Sudbury.
Sir Netherland Clothilde Colantha, Arthur Perrin to Robert G. Shaw, 2nd, Brookline.

MICHIGAN.

Gerben Aaggie Wayne De Kol, Dewey C. Pierson to D. Churchill & Son & John Sharp, Burnside & Brown City.
Pontiac Prince De Kol, F. L. Schroeder to W. G. Gage, Saginaw.
Rhea Sir Posch, H. W. Norton to E. E. Ryan, Brighton.
Prince Mercedes Pietertje 2d, Geo. C. Mosher to Julius Frerking, Alma.

NEBRASKA.

Fannie Beauty Lad, A. Sneadon to R. B. Leffler, Weeping Water.

NEW HAMPSHIRE.

Mt. Hermon Pietertje De Kol, Mount Hermon School to Geo. H. Davis, Chesterfield.

NEW JERSEY.

De Kol Beets Segis, H. A. Moyer to A. A. Cortelyou, Somerville.
Sir Pietertje De Goode, J. R. Roe to Austin Hough, Sussex.

NEW YORK.

De Burke Prescott Lad, C. A. Talbot to C. H. Fitch & Sons, Burlington Flats.
Dumont Cataleta De Kol, S. K. Willcox to M. C. Simons, Smyrna.
Frontier Kekke Korndyke, F. W. Ames to W. S. Howard, Oswego.
Greenwood Alexina De Kol, Wm. Rollins to Joseph Murphy, Rexville.
Homestead Aaggie Burke, John Many to Matthew Fryer, Marcy.
Joe of Woodmont, H. C. Wood to Fred West, Morrisville.
Judge Hengerveld De Kol, Geo. D. Sherman to H. A. Moyer, Syracuse.
King of White Creek, R. B. Seberry to Andrew Johonas, Belfast.
King Segis Prince, D. J. Hollis to Henry Stevens & Sons, Lacona.
Korndyke Scanlon Spofford, Isaac Dalrymple to Mrs. E. V. Brown & I. S. Sears, Georgetown.
Lilith Paul Bloom, A. F. Brown to W. A. Matteson, Utica.
Lord Neah De Kol 2d, Chas. W. Hunter to Seeley Stevens, Monroe.
Lord Netherland Pietertje De Kol, Martin Miller to E. E. Colburn, Albany.
Major Inka Pietertje De Kol, A. F. Cole to H. W. Mann, West Eaton.
Maplecroft De Kol Hamilton, C. D. Andrews to C. H. Parsons & D. G. Donahue, Camillus.
Netherland De Kol Mechthilde Earl, Vol. Firemen's Home Ass'n to John P. Thompson, Jewett.
Pauline Prince, H. C. Wood to Bernice H. Fuller, Morrisville.
Paul Regis De Kol Burke, H. R. Sexton to H. P. Smith, Smyrna.
Poko De Kol Boy, Joseph H. Plumb to S. W. Warner, Collins.
Prince Hengerveld Burke De Kol, Arthur Wyatt to Dr. A. Y. Myers, Buskirk Bridge.
Prince Netherland Perfection, E. D. Tarbell to Wright Bros., Little York.
Royal King De Kol, N. F. Sholes to S. S. Drumm, Stuyvesant Falls.
Salo Korndyke De Kol 2d, J. A. Stanton to S. V. Kinciord, Chittenango Station.
Sir Aaggie Abbekerk Johanna, Est. A. J. Baltz to J. L. Baltz, Lafargeville.

Sir Corona Hartog Pietertje, M. A. Greene to John Fisher, Andover.
Sir Delta Hope, Cornell University to L. H. Utley, Cattaraugus.
Sir Henry Netherland Colanthus, E. A. Vandervort to Henry Dunshee, Sidney Center.
Sir Inka Hengerveld, A. F. Cole to H. March, Morrisville.
Sir Jennie Gertrude Jewel, Est. A. J. Baltz to J. L. Baltz, Latargeville.
Sir Jennie Gertrude Johanna, Est. A. J. Baltz to J. L. Baltz, Latargeville.
Sir Jennie Shandeland Paul, A. F. Brown to . A. Matteson, Utica.
Sir Netherland De Kol Barrington, Fred N. Watkins to John Webb, Camden.
Sir Paul Adriaantje Netherland, Seely Stevens to Chas. W. Hunter, Monroe.
Sir Paul Gertrude, J. L. Baltz to Tom Brady, Stone Mills.
Sir Sadie Bloom De Kol, E. E. Clarke to Frank S. Ostrander, Almond.
Sir Skip Abbekerk Johanna, J. L. Baltz to Lewis Zimmer, Plessis.
Soldene Pauline De Kol Count, D. J. Hollis to Geo. D. Smith, Pulaski.

OHIO.

Colanthus De Kol Jewel, John S. Riehl to J. L. Wisler, Lectonia.
Dewey Jumbo John, J. F. Redman to John S. Yaggi, Alliance.
Duke Aaggie Beets, The O. C. Smith Co. to E. A. Clark, Windham.
Major Delphina De Kol, The O. C. Smith Co. to P. W. McConoughey, Solon.
Sir Clifden De Kol, M. A. Crile to C. A. & C. E. Aronholt, Coshocton.

PENNSYLVANIA.

Colanthus De Kol Jewel, J. L. Wisler to B. S. Miller, Alleghany.
Beauty De Kol Posch, Frank W. Plato to John F. Boyd, West Newton.
Ethelind Princess' Consul, J. A. McCalmont & Son to O. V. Aiken, Bu.ger.
Segis Artis Clothilde, F. S. Wells to G. R. Manning, South Montrose.
Sir Quaker Dunbar, C. R. Cressman to Wm. H. Walters, Richland Center.
Urica Paul, W. J. Young to A. R. Sturtevant, Springboro.
Vale Alma De Kol, J. N. Conyngham to Walter Crittenden, Mansfield.

VERMONT.

Colantha Paul, Farmer Brothers to A. W. Newton, Wallingford.
Paul De Kol Winsome, F. L. Houghton to W. H. Stowe and from W. H. Stowe to W. J. Willard, Lewiston.
Pietertje Hengerveld's Count De Kol A. 6th, F. L. Houghton to E. H. Allis, Brookfield.

VIRGINIA.

Sir Henry Netherland Veeman, T. O. Sandy to J. W. Makely, Clifton.

WISCONSIN.

Artis Calamity De Kol, F. W. Allis to C. E. Pierce, Princeton.
Duke Baker, J. E. Wielke to Elmer Cate, Belleville.
Elgin Belle Lad, Nick Grimm to Fred Grimm, Tustin.
Gem Wayne Paul De Kol, S. Waight to F. B. Fargo and from F. B. Fargo to Wis. Consistory Home Ass'n., Dousman.
Hengerveld Johanna De Kol, Frank B. Fargo to C. H. Beaumont, Honey Creek.
Kink De Kol of Ettrick, K. K. Hagestad to N. L. Fredrikson, Whitehall.
Mutual Friend Parthenea, Jas. H. Richardson to C. T. Goodrich, Fort Atkinson.
Orestes Netherland, T. F. Vannedom to Robert Ebbe, Marshfield.
Paul Netherland Mutual Friend, Jas. H. Richardson to John Huppert, Fort Atkinson.
Pietertje Johanna Sarcastic, Albert Babler, Jr., to Ezra Blumer, Jr., Monroe.
Pietertje Spotty, S. S. Peebles & Son to E. C. Peebles, Fond du Lac.
Pride of the Valley 2d, K. K. Hagestad to G. C. Nelson, Arcadia.
Prince Ula De Kol Brabant, A. G. Pingel to H. A. Fiedler, Hayton.
Sir Aurora Garland De Kol, B. Sommerfeld to Adolph Cortte, Lomira.
Sir Hengerveld Clothilde De Kol, E. T. Wescott to Ernest Miller, Jefferson.
Sir Johanna De ol of Brabant 3rd, A. G. Pingel to Alexander O'Donnell, Hilbert.
Sir Johanna Mercedes, A. L. Williams to John Fellenz, Kewaskum.
Sir Mercedes Clothilde Pietertje, B. Somerfeld to Herman Richard, Beaver Dam.
Sir Netheruand Burke De Kol, A. L. Williams to M. Honer, Jr., Muscoda.
Stella Pietertje 2nd's Ringwood, Est. J. W. Linton to J. G. Langholf, Jefferson.

Transfer List for the Week Ending January 5, 1907.

COWS.

COLORADO.

Belle Baker, L. R. Ehrich to E. T. Massey, and from E. T. Massey to M. M. Sinton, Colorado Springs.
Rijaneta Baker, L. R. Ehrich to E. T. Massey, and from E. T. Massey to M. M. Sinton, Colorado Springs.

CONNECTICUT.

Cassie Netherland Jewel De Kol, Geo. W. Vibbert to Geo. F. Austin, Danbury.
Gracie Jewel Netherland De Kol, Geo. W. Vibbert to D. D. Joyce, Danbury.
Highland Princess Wayne, Melvin A. Rice to Geo. C. Cary, and from Geo. C. Cary to Phelps Montgomery, New Haven.
Inka Hijlaard, I. H. Stanton to Dolly Brewster Stanton, Willimantic.
Mercedes Rijaneta Mechthilde 2d, I. H. Stanton to Dolly Brewster Stanton, Willimantic.

ILLINOIS.

Duchess of Arlington Mercedes, Eldorado Annie Mercedes, Electa Mercedes Pietertje, Eunice Paul, Isabella Mercedes Vriend, Lady Norma Pietertje, Maudie Aiken, May Netherland Butler, Pearl Pietertje Beauty, W. C. Gleim to R. E. Haeger, Algonquin.

IOWA.

Countess Elsie Dinsmore, Countess Minerva, Little Sunshine, Starlight Beauty, Andrew Casper to R. Bohren, Monticello.
Josephine Parthenea Mechthilde, Rosella J. Ralston to Geo. Dean, Clearfield.
Lady Adin De Kol, Robert Ralston to Geo. Dean, Clearfield.
Lady Gerben Abbekerk 2nd, Robert Ralston to H. M. Long, Bedford.
Princess Gerben Josephine, Rosella J. Ralston to S. E. Ross, Creston.

KANSAS.

Kloster Belle 2d, H. N. Holdeman to G. G. Burton, Topeka.

MAINE.

Henrietta De Kol Clothilde, Josephine De Kol Clothilde, Queen De Kol Clothilde, D. B. Wiley to Baird & Snow, Leeds Junction.
Belva De Kol Beauty, Lackawanna Breeders' Ass'n. to E. L. Gifford, York Harbor.

MASSACHUSETTS.

Johanna Baby, Johanna McGee, Johanna Mag, White Honeysuckle, from C. P. Peck to B. W. Potter & Son, Rutland.
Princess Inka De Kol, Princess Inka De Kol Hazel, Princess Inka De Kol Netherland, J. W. Beaty to Arthur Perrin, Southville.
Bell Forest, Est. S. J. Gordan to H. T. Worden, Agawam.
Carla De Kol, M. T. Carrigan to E. I. Ballentine, Mansfield.
Favorite Pauline De Kol 2d, Wm. Bedar to P. J. Bowlker, Boston.
Hazel De Kol Clothilde, M. T. Carrigan to Geo. Cummings, N. Sudbury.
Ilma Wayne 2nd, Wm. Bedor to P. J. Bowlker, Boston.
Isola Bismarck, M. T. Carrigan to Fred Raymond, So. Sudbury.
Maartje Lee 3d's Netherland 2d, R. J. & H. C. Forbush to M. T. Carrigan, Concord.
Maartje Lee Netherland Colantha, J. H. D. Whitcomb to M. T. Carrigan, and from M. T. Carrigan to Frank A. Day, Milford.
Mahomet Gem Clothilde, R. J. & H. C. Forbush to M. T. Carrigan, Concord.
Martha Watson De Kol, S. N. Bennett to Arthur A. Sibley, West Springfield.
Mattie De Kol, M. T. Carrigan to Medfield Insane Asylum, Harding.
Maude R. Netherland Darkness, Geo. E. Jones to M. T. Carrigan, Concord.
Mechthilde Vernon De Kol, M. T. Carrigan to Fred Raymond, S. Sudbury.
Pompeia De Kol Pieterson, M. T. Carrigan to Flint Brothers, Lincoln.
Prater Netherland 2d, Geo. E. Jones to M. T. Carrigan, Concord.
Princess Piersma Gertrude, David Farquhar to M. T. Carrigan, Concord.
Queen Spofford, M. T. Carrigan to Frank A. Day, Milford.
Wilmer Clifden, C. M. Thomas to M. T. Carrigan, Concord.
Wilmer Clifden, M. T. Carrigan to Edward W. Pope, Lincoln.

MICHIGAN.

Alice Colantha, Fred J. Schroder to Henry J. Meyer, Saginaw.
Canary Natsey, J. H. Johnson to J. F. Lindsay, Wyandotte.
Canary Queen Natsey, J. H. Johnson to J. F. Lindsay, Wyandotte.
Lucila Beauty 2d, Joseph Wessinger, Sr., to Frank Wessinger, Howell.
Violaca 2d's Mercedes, Normaan V. Goodnoe to Frank S. Jenkins, Dimondalae.

MISSOURI.

Cadar View De Kol, Robert Ralston to B. L. Bean, Cameron.
Queen Isabella Abbekerk, Robert Ralston to Harry Cook, Maysville.
Queen Isabella De Kol, Robert Ralston to Harry Cook, Maysville.

NEW JERSEY.

Salzell 2d's De Kol, H. L. Bronson to G. B. Isham, New Brunswick.

NEW YORK.

A. & G. Manor De Kol Clothilde Lass, Lady Superior, Ondit Milly Pietertje 2d, Ondit Milly Pietertje 3d, R. P. Kutschbach to L. C. Coleman, Tioga Center.
Belle of Hill Home 4th, Belle of Hill Home De Kol, Beverly Burke De Kol Calamity De Kol Lea, Calamity Viola De Kol, Columbia De Kol, Columbia De Kol 2d, Columbia De Kol Lilith, De Kol Pride Shadeland, Earlville Pauline De Kol, Jessie Boon 2d, Jessie Boon Pauline, Lady Lilith Vinette, Lady Vinette, M'liss De Kol, Miretta Perfection De Kol, Myretta Perfection De Kol 2d, Nell Veeman, Nell Veeman 2d, Pet Boon 2d, Pride of Earlville 2d, Pride of Earlville Vinette, Shadeland Vinette 2d, Zora Queen De Kol, Zora Shadeland De Kol, from O. G. Sawdey Est. to L. J. Fitzgerald, Cortland.
Clothilde 7th's Queen, Clothilde Mink, Clothilde Netherland Prize, Mantel 3rd's Clothilde Princess, Mantel 3rd's De Kol, Mercedes Mink Clothilde, C. H. Warren to Arthur Niles, Verona.
Clothilde Gladys, Clothilde Pleiades, Gladys Clothilde Pauline, Pleiades Pauline Countess, Pleiades Pauline Hartog, from Frank Pidgeon to J. W. Dimick, Rifton.
Clothilde Maid Maud Mooie, Clothilde Maid Roseline, Maud Mooie Clothilde, from C. D. Tracy to S. N. Browing, Massena.
Duchess Pietertje Imperial, Hadria Clothilde Mercedes, Neta Paul Annelatta De Kol, Stella Clothilde, W. B. Gates to H. L. Bronson, Cortland.
De Kol Lena, Lady Lelia Johanna De Kol, Princess Kora of Maple Lawn, from Lawrence L. Grow to C. W. Loomis, Ogdensburg.
Aaggie Gertdude De Kol, N. W. Lawrence to J. H. Wells, N. Bangor.
Aaggie Posch De Kol, Geo. E. Jennings to Henry Beacom, Carmel.
Alida Siera Madre, Clarence S. Clarke to Sherman G. Crandall, Andover.
Beauty De Kol Beryl, John C. Godfrey to N. F. Sholes and from N. F. Sholes to Clark O. Post, Earlville.
Bess Cornucopia De Kol, J. W. Dimick to Jessie DuBoir, Walden.
Clothilde Pontiac Korndyke, Fred L. Booth to Stevens Bros.-Hastings Co., Lacona.
Dretka Netherland, M. & W. E. Timmerman to Egbert D. Schoonmaker, Canajoharie.
Eleanor Pauline Pietertje, Ellery Chesebro to Richard Kutschbach, Sherburne.
Fanny De Kol Keyes Artis, W. H. Carrier to E. A. Powell, Syracuse.
Fenna Z. 3rd, Lincoln Reynolds to Harry Fuller, Greenwich.
Grenadine 2d's Metjie, F. D. Adams to F. D. Adams & Son, Munnsville.
Inka Pietertje Vale De Kol, S. C. Brown to Davis Brothers, Clifford.
Jemima De Kol 2d, S. J. Flemming to B. H. Decker, Wallkill.
Kol Dottie, Lawrence L. Grow to N. E. Benton, Potsdam.
Lady Aaggie Pauline De Kol, O. U. Kellogg to A. L. Smith, DeRuyter.
Lady Greenwood Violet, Percy Brooks to C. F. Corey, Pennellville.
Lakeside Lamb De Kol, A. W. Hawks to E. A. Powell, Syracuse.
Leda De Kol Pauline, C. F. Corey to H. L. Bronson, Cortland.
Leona Belle, E. S. I. Meredith to S. H. Greenman, Webster Station.
Lucy Mac Nudine, E. A. Atwater to G. F. Carter, Syracuse.
Miss Nellie Dretka, M. & W. E. Timmerman to E. D. Schoonmaker, Canajoharie.
Morella De Kol Wayne, N. F. Sholes to F. E. Williams, Earlville.
Olyve Delmar De Kol, S. J. Fleming to DeWitt G. Crowell, Wallkill.
Ora De Kol Pauline, S. J. Fleming to DeWitt G. Crowell, Wallkill.
Pauline Josie De Kol Veeman 2d, S. S. Norton to Chas. Rulison, Angelica.
Peggy Pietertje, M. & W. E. Timmerman to E. D. Schoonmaker, Canajoharie.
Pietertje Vale De Kol, S. C. Brown to Davis Brothers, Clifford.
Polly La Polka, E. S. I. Meredith to A. H. Greenman, Webster Station.
Princess De Kol Mutual, Isaac Magoon to B. F. Harrington, Rathbone.
Queen Dora De Kol, I. S. Allen to E. L. Hunt, Hubbardsville.
Salzell 2d's De Kol, Bronson & Fitzgerald to H. L. Bronson, Cortland.
Shadeland Sylvia 2d, R. V. Goodwin to E. W. Spaulding, Kennedy.
Star Paul De ol Princess, C. F. Corey to J. W. Smith, Fulton.
Stiensma Pietje, J. W. Dimick to Jesse DuBois, Walden.
Wilhelmina of Nelson, E. S. I. Meredith to D. D. Blowers, Nelson.
Wilhelmina Staats, E. S. I. Meredith to D. D. Blowers, Nelson.

OHIO.

Daisy Thorne, G. W. Millar to D. Barnes, Homerville.
Gypsy Ophelia, G. W. Millar to Grant Eaton, Sullivan.
Highland Queen Netherland, Thomas Hurd to Ireton Brothers, Blanchester.
Silica 4th's Sadie 2d, Albert Brown to Hyde & Norton, Bristol.

ONTARIO.

Quo Vadis, Austin Cowan to Richard Johnston, Putnam.

PENNSYLVANIA.

Alma De Vries, Countess Belle Clothilde, Queen of Valley View, Weehawken Ray

2d's Queen, J. J. F. McCullough & Sons to M. K. Gregg, Imperial.
Indica Pink Adeline Patti Bessie, Sir Stanley Clothilde's Queen, Stanley Clothilde Lily De Kol, J. M. & D. M. Bailey to R. L. Carter, McDonald.
Aaggie Cornucopia Imperial, W. A. Bennett to G. M. & S. S. Lyon, Wyalusing.
Dijkstra 3rd's Clothilde 3rd, Lackawanna Breeders' Ass'n. to Charles O. Blake, Honesdale.
Dijkstra S. Clothilde 2nd, Lackawanna Breeders' Ass'n. to Charles O. Blake, Honesdale.

VERMONT.

Bay Hill Brunett, M. T. Carrigan to Geo. A. Boynton, Gassetts.
Bess Pasha, Albert Rickenbacher to E. E. Grant, St. Johnsbury East.
Black Eye Perfection De Kol, D. J. Hinkley to F. W. Blanchard, Ascutneyville.
Hazel Oakland De Kol, M. T. Carrigan to Geo. A. Boynton, Gassetts.
Hijlaard Jewel Pietertje, M. T. Carrigan to E. B. Leland, Perkinsville.
Pauline Inka De Kol, M. M. Hovey to Geo. A. Boynton, Gassetts.
Tula De Kol, M. T. Carrigan to E. B. Leland, Perkinsville.

WASHINGTON.

Leda Hengerveld Colantha, Hazelwood Co., to John L. Smith, Spokane.

WISCONSIN.

Alfride Clifden 2d, Anna Battles 2d, Fern Cliff Beauty, Harriet Mercedes De Kol, Johanna Flow De ol, Aaggie Lady Astrea 3d's Queen, Malvina Johanna De Kol, Malvina Johanna De Kol 2d, May Mercedes Chief, Pauline Aaggie De Kol Johanna, Zipsy Flow De Kol, from E. A. Kane to Nick Grimm, Ringle.
Allie Clifden Netherland 3d, Colantha Mechthilde, Madrigal May, Madrigal Mercedes Colanthus, Martha Elgin Butter Girl De Kol, Ollie Watson 5th's Pearl, Pauline Duchess Clothilde, Queen Valencia Mercedes 2d, Starie of Parthenea Colantha, Tuebie 4th, from L. G. Legler to Dr. W. H. Earles, Milwaukee.
Aurora Hengerveld De Kol, Canary Melchoir, Forrisy Dieuwertje De Kol, Maggie Dieuwertje, F. B. Fargo to F. A. Huebner, Knowlton.
Clifden Clothilde 2d, Cressy Erma Jeltje, Johanna Clifden Veritas, Johanna Valencia Queen, Veronica of Sunny Side, W. R. Gates to W. M. Cox, Whitewater.
Colantha Carman, Colantha De Kol Queen, Cornelia Rose, Niggar Creole, Ruby Melchoir, Tirania Pauline, David Roderick to Jay Roderick, Brodhead.
Aaggie Palmer 3d, Fred Trumpy to Jacob Altman, Monticello.
Belle Wayne Jewel, John H. Olp to W. A. Katzman, Elkhorn.
Dear Diamond Johanna, L. C. Morse to T. J. Rowan, Warren.
Grace Fayne Josephine, A. L. Williams to Fred M. Knuth, Sawyer.
Jewel Wayne, John H. Olp to W. A. Katzman, Elkhorn.
Johanna Jewel, Enos Kinney to W. A. Katzman, Elkhorn.
Johanna Maud Posch, W. R. Gates to B. Sommerfield, Beaver Dam.
Josephine Parthenea Jewel, John H. Olp to J. V. Seymore, Lake Geneva.
Lottie Posch, W. R. Gates to Chris Indermuehle, Junea.
Miss Baker Mercedes, W. R. Gates to Chris Indermuehle, Juneau.
Piebe Estata De Kol 4th, A. F. Ryder to B. Sommerfield, Beaver Dam.
Queen Ruiter Mechthilde, W. R. Gates to B. Sommerfield, Beaver Dam.
Second Gilr Beauty, L. C. Morse to T. J. Rowan, Warrens.
Springvale Polly Netherland, J. R. Watson to S. A. Baird & Son, Waukesha.
Tentie Colanthus, Jas. H. Richardson to Wm. Klitzkie, Sullivan.
Zeffie Pauline De Kol 3d, W. E. Evans to W. H. Whitney, Fort Atkinson.
Zipsy Flow Bryonia, Nick Grimm to A. L. Williams, Fond du Lac.

BULLS.

CALIFORNIA.

Forest Lento, R. F. Guerin to Fred Coughran, Visalia.

CONNECTICUT.

Waterbury Pearl Lad, Vt. State Hospital to Carl Curtis, Woodbury.

ILLINOIS.

Major Spofford Corona, E. H. Knapp to Chas. T. Evans, Palmer.

IOWA.

Lincoln Netherland De Kol, Robert Ralston to E. O. Goodlaxton, Lenox.

MAINE.

Earl Korndyke Beauty, Lackawanna Breeders' Associaation to E. L. Gifford, York Harbor.
Hillcrest Butter Boy De Kol, A. L. Adams to Geo. E. Voter, Strong.

MASSACHUSETTS.

Clothilde Netherland Colantha, R. J. & H. C. Forbush to M. T. Carrigan and from M. T. Carrigan to D. B. Fowler, Caryville.
Mercedes Julip Soldene, F. B. Shedd to M. T. Carrigan, and from M. T. Carrigan to E. I. Ballentine, Mansfield.
Norwood Clothilde Wayne De Kol, W. H. Randall to N. E. Hall, North Raynham.
Norwood De Kol Clothilde, W. N. Randall to F. S. Hall, Raynham.
Sir Henry Colanthus, Peter Dorand to M. T. Carrigan, Concord.

MICHIGAN.

Houwtje Marion Wayne De Kol, Geo. Weyeneth to Geo. Rumohr, Deckerville.
Retta X 2d's Concordia, C. W. Lowe to James V. Potter, Willis.
Sir Paul De Kol Canary Beauty, John G. Louk to Guy H. Wakefield, Howell.
Sir Vashti Beryl Wayne, R. C. Reed to W. B. Jones, Oak Grove.
Vale Piebe Paul De Kol, J. H. Johnson to J. F. Lindsay, Wyandotte.

MINNESOTA.

Sir Artis Jewel De Kol, E. P. Miller to Lucien A. Sweet, Fairmont.

NEW JERSEY.

Beryl Roe, F. & H. D. Roe to Moses Ackerson, Lafayette.
Flat Iron Joe, F. & H. D. Roe to Charles E. Drake, Tranquility.

NEW YORK.

Aaggie Cornucopia Pauline Count 8th, O. U. Kellogg to H. L. Bronson, Cortland.
Aaggie Cornucopia Pauline Count 10th, O. U. Kellogg to H. L. Bronson, Cortland.
Albertje Korndyke Abbekerk, Fred L. Booth to G. A. Birdsall, East Masonville.
Aldebaran Colantha Lad, F. M. Turner to Chas. D. Rowe, Halcottsville.
Butter Boy of Elmwood 3d, G. H. Greaves to E. A. Powell, Syracuse.
Clintonia Govers Mechthilde 2d, E. R. Allen to William Loomis, Canisteo.
Clothilde Burke De Kol Boy, W. M. Benninger to Robert Laidlaw, Jr., Franklinville.
Duke Netherland Spofford, E. H. Knapp to J. F. Barnard, Fabius.
Dytsia 3rd's Paul De Kol, S. J. Fleming to Frank Smith, Montgomery.
Edward Koningen Spofford, Jas. H. Throop to H. G. Tracy, North Norwich.
Empress Major, Floyd Ray to O. J. Smith & A. A. Moore, Wampsville.
Grazia De Kol Gerben, J. P. Ahrens to J. W. Weeks, Harpursville.
Hartje Paul 2d, Fred N. Smith to Geo. Fosgate, Cincinnatus.
Johnaan Colantha, W. W. Cheney to Harry L. Smith, Manlius.
Johanna Holland King, Bryam L. Winters to H. T. Fregoning, Waverly.
John Hamilton Spofford, M. K. Perkins to F. M. Truman, South Otselic.
King Segis 7th, H. A. Prescott to Stevens Bros-Hastings Co., and from Stevens Bros.-Hastings Co., to J. W. Masterson, South Bend.
King Shongo De Kol, James Hill & C. A. Ewell to George Lampy, Shongo.
Korndyke Abbekerk, Fred Booth to Stevens Bros.-Hastings Co., Lacona.
Korndyke Manor Netherland, W. W. Cheney to H. E. Ballard, Stormville.
Major Covert, S. J. Fleming to Herman Shambach, Walden.
Major Delmar Netherland, S. J. Fleming to Alex Mitchell, Walden.
Major Dytsia De Kol, S. J. Fleming to Alonzo Morrisey, Walden.
Pontiac Korndyke Abbekerk, F. L. Booth to Wm. I. Birdsall, East Masonville.
Prince Pauline De Kol Foekje, F. A. Pangburn to A. W. Hawkes, Phoenix.
Prince Pietertje Beets De Kol, Lawrence L. Grow to N. E. Benton, Potsdam.
Shadeland Olive Paul De Kol, H. A. Martin to Dr. P. C. Hoag and from P. C. Hoag to Stevens Bros.-Hastings Co., Liverpool.
Sir Bloomje De Kol, E. S. I. Meredith to D. D. Blowers, Nelson.
Sir Daisy Glory, A. M. Stiles to Chas. Clark, Groton.
Sir Genesta Clothilde, John Kidd to Frank Sheehan, Walden.
Sir Jarie Posch of Granville, R. P. Kutschbach to Ellery Chesebro, North Norwich.
Thula De Kol Johanna Lad, Lawrence L. Grow to John Leech, Potsdam.
Wayne De Kol Burke America, O. M. Edwards to E. A. Powell, Syracuse.

NORTH CAROLINA.

Sir Hygeia Veeman De Kol, S. A. Robinson to P. H. Hanes, Winston-Salem.

OHIO.

Pontiac Sadie Triumph, Eastern Michigan Asylum to B. F. Reuwee, Burton.

ONTARIO.

Sir De Kol Pietertje, Leonce Bonneville to Joseph Forgue, St. Albert.

PENNSYLVANIA.

Concordia Wayne Arlep, E. W. Twaddle to Willard Cloud, Kennet Square.
De Burke Prescott Lad, C. H. Fitch & Sons to H. G. Senior, Falls Creek.
Dykstra Beauty Lad, Lackawanna Breeders' Association to G. M. Carpenter, Wilkes-Barre.
Earl Korndyke Brada, Lackawanna Breeders' Association to Ellis Rude, Whites Valley.
Paladin Brada Prince Wayne, E. W. Twaddell to Jas. C. Lloyd, Dowingtown.
Sir Johanna Beauty Rue, G. M. & S. S. Lyon to John A. Bateman, Bodines.
Sir Johanna Mutual De Kol, G. M. & S. S. Lyon to S. E. Peck, Greencastle.

VERMONT.

Cornucopia De Kol Prince, W. B. Dodds to M. S. Whitcomb, Richmond.
Hamilton De Kol Hylaard, M. T. Carrigan to W. H. Day, Plymouth.
King Henry Vernon, M. T. Carrigan to Geo. A. Boynton, Gassetts.
King Phoebe, M. T. Carrigan to E. B. Leland, Perkinsville.
Longfield Pietertje De Kol Burke, M. T. Carrigan to H. J. Stearns, Ludlow.
Pietertje Plum Sir Inka, A. F. Cole to Frank Church, Bethel.

WASHINGTON

Billy Posch, Wm. Todd to M. R. Christensen, Bothell.
David Longmire, L. L. Thorpe to J. P. Marks, North Yakima.

WISCONSIN.

Canary Lad of Elm Court, Duke Mercedes of Elm Court, Elm Court Mercedes Lad, J. A. Briggs to William Everson, Lake Mills.
Butter Boy Mercedes King, H. J. Goelzer to Frank Kohlmann, St. Cloud.
Daisy Wit Orleans, Ernest Krueger to Henry Westphal, Columbus.
De Kol Acma Mercedes, E. C. Petrie to O. P. Coates, Elkhorn.
Elmwood Zapo, T. F. Vannedom to A. Osenga, Arpin.
Emmalie Judge, L. C. Morse to T. J. Rowan, Warrens.
Gem Snowflake De Kol, F. J. & J. H. Olp to Frank Olp, Springfield.
Java King De Kol, Theodore Lehmann to T. F. Vannedom, Marshfield.
Jewel Duke Clyde, A. L. Williams to L. A. Brakke, Scandinavia.
King Neeltje Bell De Kol, H. J. Goelzer to S. Ford, Waldo.
Lyndon Butter Boy Prince De Kol, H. J. Goelzer to W. Richter, St. Cloud.
Mutual Friend Pietertje Paul, Jas. H. Richardson to Daniel Damuth, Fort Atkinson.
Paul Rue Wa Wa, H. J. Goelzer to Joachim Struve, Plymouth.
Paul Vokolina De Kol Aaggie, John J. Bergin to A. M. Mullen, Watertown.
Piebe Hengerveld De Kol Butter Boy, F. B. Fargo to F. A. Huebner, Knowlton.
Pontiac Amphion, David Roderick to Jay Roderick, Brodhead.
Pontiac Sadie Julip, Eastern Michigan Asylum to F. E. Harriman, Appleton.
Prairie Walton Mercedes De Kol, J. Rock to Phil Gannon, Plymouth.
Prince Elsbet Bell De Kol, H. J. Goelzer to Henry Wieskoff, Cleveland.
Prince Sunbeam De Kol, W. R. Gaates to R. P. Striegl, Fort Atkinson.
Prince Victor De Kol Piebe, Jas. H. Richardson to Ralph O. Richardson, Eau Claire.
Prince Yeslet Bell De Kol, H. J. Goelzer to John Stecker, Cleveland.
Queen De Kol Butter Boy, H. J. Goelzer to M. G. Evans, Plymouth.
Ruby Sir Posch, E. A. Kane to Nick Grimm, Ringle.
Safira 2d's King, F. P. Roberts to A. F. Edwards, Viroqua.
Sir Aaggie Pietertje De Kol 2d, W. E. Evans to John Saur, Fort Atkinson.
Sir Mercedes De Kol Alma, W. R. Gates to Fred M. Knuth, Sawyer.
Sir Mutual Gewina De Kol, Fred Trumpy to Nim Johnson, Elkhorn.
Sir Orleans Madrigal, J. E. Gormley to Eugene O'Connor, Watertown.
Sir Ormsby Pauline Colanthus, Jas. W. Mullen to Ernest Krueger, Watertown.
Sir Yeslet Ormsby, H. J. Goelzer to Val Rader, Glenbeulah.
Teddy Rue Wa Wa, H. J. Goelzer to Fred Keppeler, Plymouth.

Transfer List for the Week Ending January 12, 1907.

COWS.

CALIFORNIA.

Abuela 2nd, Arabella E., Arabella E. 2nd, Christina De Kol, Consorte, Contenta 2nd, Contenta 3rd, Escudo, Lamedora 2nd, Manchada, Modesto Cleopatra, Modesto Cleopatra De Kol, Modesto Constance, Nydita, Parthenea Agnes, Pintada, Portia Maid, Semblante, Tarde, Tarde Maid, Urana 2nd, Variante, Vecina, Vecina 3rd, Zanahoria, Zanahoria 2nd, from C. W. Evans to G. W. Belden, Holtville.
Hight Ulah 7th, Jas. W. Rea to Frank H. Burke, San Jose.

CONNECTICUT.

Cassie Ondit Pietertje, J. R. Hatch to C. C. Ford, Washington.
Lora Netherland De Kol Pauline 2nd, J. R. Hatch to C. C. Ford, Washington.

DISTRICT OF COLUMBIA.

Bess Pietertje 2d, Dora Mechthilde De Kol,

Dorothy Belle De Kol, Edith De Kol Beets, Jewel De Kol Vries, Lady Aaggie Beauty, Niwri Posch, Pauline Jewel De Kol 3d, Yanna's Maida, from H. L. Bronson to D. W. Baker, Washington.
Bessie Midget Paul Concordia, M. S. Nye to U. S. Soldiers' Home, Washington.
Lutscke Henry Drosky, M. S. Nye to U. S. Soldiers' Home, Washington.

ILLINOIS.

Brighteyed Pietertje, John Robinson to J. B. Hogan, Chicago.
Elverde Mercedes, W. C. Gleim to R. E. Haeger, Algonquin.
Elza Mantel De Kol, C. M. Harrison to E. G. Turner, Richmond.

INDIANA.

Snowball De Kol Aaggie, R. M. Roberts to F. G. Johnston & Co., and from F. G. Johnston & Co., to W. E. Furnas, Valley Mills.

IOWA.

Concordia Aaggie Netherland, F. G. Johnston & Co., to W. B. Barney, Hampton.

KANSAS.

Clara De Kol, Pierce Land & Stock Co., to C. D. Pierce and from C. D. Pierce to H. B. Cowles, Topeka.

MASSACHUSETTS.

April Denver, Latona Burke, Pontiac Latona, Rag Apple Denver Burke, from H. C. Field to Fred F. Field, Brocton.
Ann De Kol Twisk, May De Kol Wayne Pauline Paul Sadie De Kol 2d, Princess Evertie De Kol 2d, Copeland & Peck to E. W. Coombs & Son, Colerain.
Abbekerk Banstdale Tressa, Beatty & Fielden to M. T. Carrigan and from M. T. Carrigan to J. H. D. Whitcomb, Littleton.
Duchess Ormsby 2d's Hengerveld De Kol 2d, Guild & Roberts to Wm. L. Field, Brockton.
Ruby Queen 2d, Henry C. Gardner to Fred F. Field, Brockton.
Urmagelsche 3d, F. P. Knowles to J. H. D. Whitcomb, Littleton.
Vanessa, F. P. Knowles to J. H. D. Whitcomb, Littleton.

MICHIGAN.

Addie De Kol Pietertje, Houwtje De Kol Pietertje, Snowball De Kol Aconeth, Winona Pietertje De Kol, W. O. Wilson to Charles P. Reed, Howell.
Bleske Queen, Queen of Grape Bleske, Queen of Grape De Kol, J. S. Childs to J. Webster Childs, Willis.
Athenia Mercedes Jewel Mechthilde, J. S. Childs to A. D. McIntyre, Milan.
Belle Canary of Whittaker, H. S. Day to J. S. Childs and from J. S. Childs to C. W. Childs, Willis.
Belle of Adrian, J. S. Childs to H. S. Day and from H. S. Day to Hiram Carney, Dundee.
Fannie Netherland, Cleveland Cliffs Iron Co., to F. H. Vandenboom, Marquette.
Friesian Pearl Johanna, F. W. Munson to Batcheler & Bouck, Howell.
Groveland Pearl, F. W. Munson to Batcheler & Bouck, Howell.
Lady of Shelbark, Roice & Yoxtheimer to J. A. Garrow, Morenci.
Little Maid's Queen, Mark B. Curdy to W. W. Gardner, Howell.
Winona Colantha, J. S. Childs to Harvey S. Day, Willis.

NEBRASKA.

Bonzilla Gem, Bonzilla Lass, Chappell Mechthilde Lass, Henry C. Glissman to J. R. Roberts, Normal.

NEW HAMPSHIRE.

Ena De Kol, D. H. Goodell to F. A. Whitcomb, So. Lyndeboro.
Lillie Alban De Kol, F. P. Knowles to E. L. Welcome, West Chesterfield.

NEW JERSEY.

Beryl Aaggie Pauline, Geo. F. Carter to F. & H. D. Roe, Branchville.

NEW YORK.

Auselica N's Gem 2d, Emma Gorter Jealousy 3rd's Inka, from D. H. Fuller to D. H. & H. H. Fuller, Scio.
Alice Pietertje Pauline De Kol, Colantha Pietertje, Colantha Pietertje 2d, Edith Howard De Kol, Edith Snowball De Kol, Senora Susie De Kol, from C. C. Babcock to E. H. Dollar, Heuvelton.
Carlotta Sonnett, Myretta 2nd's De Kol, Myretta Netherland De Kol, Venango Thorla Pietertje, D. J. Hinkley to H. L. Bronson, Cortland.
Aaggie Fancy De Kol, D. A. Holmes to H. H. Wickwire, Hubbardsville.
Beautiful Lass, N. F. Sholes to Clark O. Post, Earlville.
Beryl Fervora De Kol, N. F. Sholes to H. Walrath, Earlville.
Bess Boon, I. S. Allen to John M. Howard, Sherburne.
Clothilde De Kol Imperial, C. E. Clark to H. L. Bronson, Cortland.
Clothilde De Kol Imperial Pride, C. E. Clark to H. L. Bronson, Cortland.
Countess Nelien, Harry B. Davis to H. D. Seely, Chester.
De Kol Spofford Clothilde, E. H. Knapp to J. F. Barnard, Fabius.
Einetta Artis 2d, G. W. McEwin to L. H. Everett, Middletown.
Elva De Kol, S. S. Halstead to E. C. Brill, Poughquag.
Fleet Blanche 2d, G. H. Fleetham to H. G. Washburn, Heuvelton.
Floa Shadeland Coin Pet Clothilde, A. G. Ingalls to T. A. Mitchell, Weedsport.
Grace Pietertje Princess, C. F. Corey to Hunter L. Betts, Phoenix.
Inka Hijlaard Leeuwarder, Chas. Hunt to G. DeForest Hunt, New Centerville.
Lady Lewis Lilith, A. A. Hartshorn to E. H. Dollar, Heuvelton.
Larka Czarina De Kol, W. L. Terry to S. M. Thompson, Delhi.
Leila Hengerveld, H. W. S. Knox to H. A. Powell, DeKalb.
Lilfrette Clothilde, G. W. McEwin to C. F. Lawrence, Middleton.
Lilith Pauline De Kol 2d, Harry B. Davis to H. B. Davis & H. D. Seely,
Lillie Merrilles' De Kol, G. W. McEwin to H. Everett, Middletown.
Meadow Brook Queen E. E. Poole to M. B. Frisbie, Cuyler.
Musa Netherland Wayne, S. S. Halstead to E. C. Brill, Poughquag.
Nellie Netherland Govers, Geo. M. Williamson to N. E. Coston, Greenwood.
Nazli Pauline De Kol, O. U. Kellogg to A. L. Smith, De Ruyter.
Olivia Beets De Kol, H. W. S. Knox to H. A. Powell, DeKalb.
Onda Pauline's Drosky, M. S. Nye to John W. Jones, Willet.
Pauline Spofford De Kol, A. A. Hartshorn to E. H. Dollar, Heuvelton.
Queen Signet De Kol 2d, D. A. Holmes to T. A. Mitchell, Weedsport.
Rosa Spofford, E. H. Knapp to J. F. Barnard, Fabius.
Senora Princess De Kol, Lewis Russell to E. H. Dollar, Heuvelton.
Tioga Countess, C. W. McEwin to C. F. Lawrence, Middleton.

NORTH CAROLINA.

Hygeia Beryl De Kol, Samuel Adams Robinson to P. H. Hanes, Winston—Salem.
Hygeia Waldorf Beryl De Kol, Samuel Adams Robinson to P. H. Hanes, Winston—Salem.

OHIO.

Blundy 2d, Lady Loo, Margery 2d, Mary Van, Minnie Hyde, Polly Dean, Starlight Gerster, Anson Hyde to Esther A. Horr, Wellington.
Annual 2d's Yuno, A. M. Walcutt to Anna Beverly and from Anna Beverly to W. H. Fisher, Columbus.
Beautiful Ophelia Pietertje, N. A. Briggs to J. W. Wise, New Berlin.
Bernardo Clothilde Victoria, J. W. Patch to J. W. Cochran, Austinburg.
Corde Clothilde, Est. C. H. Williams to R. D. Gates, Chardon.
Delicia Thorne, Jas. F. Britton to G. W. Millar, Nankin.
Fancy Marie, D. N. Myers to W. H. Stevenson, Wellington.
Grace Imperial Nodine, C. E. Riley to Leon P. Bennett, Twinsburg.
Rhea Nodine of Glenwood 5th, J. A. Wood to Bert Tanner, Kirtland.
Rheda Bawn 2d, E. A. Atwater to C. E. Riley, Twinsburg.
Ruth Nodine of Glenwood 3rd, J. A. Wood to Bert Tanner, Kirtland.
Shadeland Roxy Inann, I. J. Miller to J. F. Nesbitt, West Williamsfield.
Tamer Artis Clothilde, A. M. Walcutt to Anna Beverly and from Anna Beverly to W. H. Fisher and from W. H. Fisher to I. N. Gardner, Powell.
Zala Konig De Kol Hengerveld, C. C. Briggs to J. W. Wise, New Berlin.

OREGON.

Wayne of Glencoe, P. A. Frakes to Oregon Agricultural College, Corvallis.

PENNSYLVANIA.

Pine Grove Boon, Pine Grove Lady Belle, Pine Grove Oneta, from I. C. Shaw to Milton A. Lamont, Conneautville.
Dreda Reynolds' Daughter, N. L. Whitteker to Wm. P. Cloud, Leonard.
Eva Beauty De Kol, J. M. Quivey & Sons to W. T. Bane, Wylandville.
Ophelia Netherland De Kol, H. L. Bronson to W. I. Latta, Narcissa.
Piebe Stella De Kol, A. A. Cortelyou to C. J. Rohrbaugh, Jacobs Mills.
Piebe Whittaker De Kol, A. A. Cortelyou to C. J. Rohrbaugh, Jacobs Mills.
Pine Grove Daisy, J. C. Shaw to A. G. Henry, Linesville.
Pine Grove Trixy, J. C. Shaw to A. G. Henry, Linesville.
Schuiling Beauty De Kol, J. M. Quivey & Sons to W. T. Bane, Wylandville.

UTAH.

Beauty Mercedes Cameron, Gilbert Thatcher to Harvey L. Romlins, Lewiston.

TEXAS.

Lady Willem Waxie, Alex Uhl to C. J. Buckley, Eagle Pass.

VERMONT.

Almeda Concordia De Kol, Guild & Roberts to H. C. Guild, Rupert.
Black Eyed Beauty Pietertje, D. J. Hinkley to F. W. Blanchard, Ascutneyville.
Bertie De Kol Duchess, Peck & Copeland to B. W. Potter & Son, Rutland.
Duchess Ormsby De Kol, Guild & Roberts to H. C. Guild, Rupert.
Susie Thyrsa Lyons, C. A. Corliss to George Campbell, Montpelier.

WASHINGTON.

Grace Gerben, P. A. Frakes to Ferdinand Schmitz, Seattle.
Zella De Kol Grace, P. A. Frakes to Ferdinand Schmitz, Seattle.

WISCONSIN.

Duchess Ramona De Kol, Jessie Forbes Inka De Kol, Jessie Gem Inka, from Aug. Seefeldt to S. B. Jones & Son, Watertown.
Jessie Roy, W. Krause to T. F. Vannedom, Marshfield.
Johanna Carmen Mercedes, L. G. Legler to Wm. Crosby, Abbotsford.
Lottie Barbetta 2d, Otto W. Volkman to Eli Keel, Juneau.
Meah Allie Johanna 2d, L. C. Morse to A. L. Sweet, Warrens.
Patton Lily Flour, John Legler & Son to L. G. Legler, Juda.
Prospect of Juneau, W. Krause to T. F. Vannedom, Marshfield.
Virginna Pietertje Acme, L. G. Legler to Wm. Crosby, Abbotsford.
Wild Rose Douglaass 3d, Otto W. Volkmann to Eli Keel, Juneau.

BULLS.

CALIFORNIA.

Clothilde Promise, Argyrea De Kol Hengerveld Promise, Goldbron Promise, Mechthildus Promise 3d, Westburg De Kol Hengerveld Burke, from Chas. D. Pierce to Minor & Thornton, Kearney Park.
Clothilde Beets Promise, J. C. Thorn, Jr., to R. Kincaid, Portersville.
Hermana Ignaro De Kol, C. W. Evans to G. W. Belden, Holtville.
Newcomb Belle Pietertje Promise, J. C. Thorn, Jr., to Ancy White, Portersville.

DISTRICT OF COLUMBIA.

Aaggie Cornucopia Beets Count, H. L. Bronson to D. W. Baker, Washington.
Sir Johanna Rue, H. L. Bronson to D. W. Baker, Washington.

ILLINOIS.

Aaggie Cornucopia Count De Kol, Gardner & Misner to H. C. La Brec, Harvard.
Manager Piebe, Est. A. Two to D. P. Fitzpatrick, Amboy.
Pietertina 2nd's Clyde, Sam Decosterd to Ben Richter, Breese.
Sir Piebe Ormsby, E. S. Smith to B. D. Stevenson, Harvard.

IOWA.

Chloe Princess De Kol Chief, U. L. Lashbrook to H. H. Case, Bremer.
Mercedes Korndyke, F. J. Bristol to H. H. Hawker, West Liberty.
Mutual Friend Omaha, H. C. Glissmann to W. J. Kennedy, Ames.

MAINE.

Douglass Lilith, Paul L. Myers to J. W. Davis and from J. W. Davis to L. F. Pike, Cornish.
Romeo Paul, G. H. Beckler to D. B. Wiley, Greene.

MARYLAND.

Segis Pietertje Voliska Prince, G. F. Deecker to Jas. P. Molesworth, Woodbine.

MASSACHUSETTS.

Agawam De Kol Jr., S. N. Bennett to A. H. Brown, Feeding Hills.
Lord De Kol Wayne, Copeland & Peck to E. F. Copeland, Colerain.
Netherland Clothilde Grafton Lad, John W. Beatty to Smith P. Burton, Jr., Grafton.
Paul Netherland Darkness, Geo. E. Jones to Jesse Kemp, Carlisle.
Sir Fancy Johanna, J. H. D. Whitcomb to A. W. Wescott, Hopedale.

MICHIGAN.

Hangerveld De Kol Pontiac Aaggie, Gardner & Curdy to Mark B. Curdy, Howell.
Prince De Kol Paul Houwtje, J. H. Austin to John W. Worthington, Oak Grove.
Sir Longfield Wayne De Kol, M. J. McPherson to Edgar D. Holmes, Ypsilanti.
Whiffle Jack Pietertje, B. B. Hardy to John Snyder, Fowlerville.

MINNESOTA.

Artie Piebe Burke, E. R. Bloomer to L. E. Temple, Moristown.
Homestead Piebe Burke, E. R. Bloomer to Geo. H. Davis, Morristown.
Fay Jewel Sir Homesteead, Wm. E. Chester to T. H. Murry, Northfield.
Sir Johanna De Kol Burke, E. P. Miller to Wm. E. Chester, Northfield.

NEW HAMPSHIRE.

Duchie, Frederick Clapp to Chas. F. Stetson, Lyme.

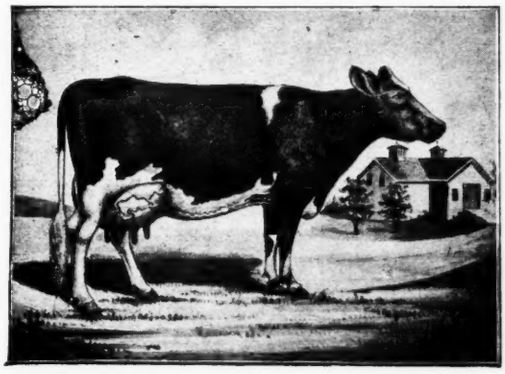
NeW YORK.

Aaggie Wayne Posch De Kol, John Arfmann to J. G. Miller, Bloomingburg.
Count Perfection De Kol, W. H. Davis to E. C. Brill and from E. C. Brill to A. S. Baldwin, New York.
De Kol Butter Bay Mechthilde, Arling Cobb to C. F. Davis, Andover.
De Kol Lockhart, M. G. Spooner to F. F. Lilly, Bouckville.

(Continued in next Issue.)

GREENWOOD HERD HOLSTEINS.

One of the BEST in America, Premier Sire "PRINCE YBMA SPOFFORD" whose dam and sire's dam have A. R. O. rcords that average 28.20 lbs. butter in 7 days, and their average daily milk record is 97 lbs. each, and over 88 lbs. each for 30 day



KATY SPOFFORD CORONA.

at 3 yrs , 1 mo. and 6 days.

Still holds her world's A. R. O. record of 590.65 lbs. milk, 26.02 lbs. butter, after 6½ years. No other cow of the breed has ever held such honors for so long a time.

Home of "Ybma 3d's Pledge Clothilde,"

643.9 lbs. Milk, 30.38 lbs. Butter } in 7 days. 2622 3 lbs. Milk, 121.47 lbs. Butter } 30 days

and the two A.R.O. just completed WORLD'S RECORD SPOFFORD heifers. **75 head** closely related to these great cows. 7 out of 8 A. R. O. records average 21.27 lbs. butter in 7 days and one of these a yearling heifer 10 months after calving.

WE HAVE YOUNG BULLS AND BULL CALVES TO OFFER sired by Prince Ybma Spofford who has 17 A. R. O. sisters (two over 20 lbs. at 3 years.)

No better Holsteins on Earth

A sure thing. Write or come and see if you mean business and want the best. **Send for Illustrated Folder.**

E. H. KNAPP & SON, Fabius, N. Y.

Bulls Ready for Service From A. R. O. Cows.

One from Quoque Mooje, with an A. R. O. record of 24.52 lbs. of butter in 7 days, taking third prize money in 1906. One from Jessie Inka Pledge, who carries the world's record on milk, 519 lbs.—18 lbs. 5 oz. of butter in seven days at 2 years and 2 months of age—and whose sire is a son of Berryl Wayne with an official record of 27 lbs. 14 oz. of butter in seven days. If you want good ones, here they are.

Stock of all kinds for sale at any time.

H. H. WICKWIRE, Hubbardsville N. Y.

GRAHAM NURSERY CO., ROCHESTER, N. Y.

Catalogue. Agents wanted. Standard Fruit Trees, Grapes, Small Fruits, Ornamental Trees, Bulbs, Hedgings. All stock guaranteed.

J. B. PORTER, Supt. Cornell Div. Ithaca, N. Y.

WANTED, IMMEDIATELY,

Registered, Holstein Cows due to freshen within the next three months. Will pay cash. Write today.

P. O. BOX 866, CORTLAND, N. Y.

Registered Holsteins

One of the choicest herds in Massachusetts.

DE WOLF STOCK FARM
Huntington, Mass.

LAKESIDE HERD.

I can now offer very choice, highly bred heifers, coming two years, most of them due early next spring; bred to very choice bulls—young cows of high quality, due soon; a rare lot of young bulls, an unusually choice lot of heifer calves. Rare bargains for quick sales.

E. A. POWELL, 904 W. Genesee St., SYRACUSE, N. Y.

HILLCREST FARM HOLSTEINS.

65 Head—25 A. R. O. Cows.

Premier Bull has 18 A. R. O. daughters. Junior Bull, son of Sarcastic Lad, the grand champion of the world.

Bull Calves at farmer's prices while they last.

GEO. C. MOSHER,
Greenwood, Mo.

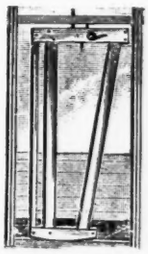
SPECIAL NOTICE

Our cows are now just beginning to freshen and we expect to test and retest them as fast as they are in condition. We *shall sell* all our bull calves, a few heifer calves and 25 A. R. O. cows. Our aim is to make our prices correspond with cattle selected. We invite Inspection.

LOCUST HEDGE STOCK FARM
Kirkville, N. Y.

HOLSTEINS WANTED AT ONCE.

Cows and heifers wanted that are pure bred registered and guaranteed sound and right. Am not particular about high breeding or A. R. O. stock, but must be good individuals of good age. State full particulars with first letter, age, date of calving and best cash price. Car load lots most desired to save freight. Address "BUSINESS," (care H.-F. World).



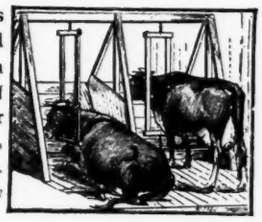
EXCELSIOR
SWING STANCHION

WARRANTED THE BEST
30 DAYS TRIAL

Unlike all others.
Stationary when open.
Noiseless.

THE WASSON STANCHION CO.
Box 20, Cuba, N. Y.

WARRINER CHAIN HANGING STANCHIONS



THE stanchion you shipped us on October 10th was put up longside of several other samples, and studied closely ever since. On the first day it was plain to all of us that everything considered yours was one of the best, and we intend to use them when we build our new barn next year. CLOVERLAND DAIRY FARM, Ltd., New Orleans, La.

They have since bought 132 stanchions for the new barn. **WALLACE B. CRUMB,**

Brown Street BOOKLET FREE **Forestville, Ct.**

NOTICE TO HOLSTEIN BREEDERS.

Owing to the demand for Bull Calves from "THE FAMOUS $10,000 MILK & BUTTER KING," the undersigned will receive orders for males for conditional future delivery, bred from a selected list of pedigreed dams, that will be submitted with prices. Address

The David Harum Stock Farm, Homer, N. Y. and Oakhurst Farm, Auburn, N. Y.

In writing to advertisers mention the WORLD.

Clothilde De Kol Alban (33,945)

is one of the finest decendants of DeKof 2d's Butter Boy, Inka, Princess Pieterje Netherland, Paul Beets DeKol and Artis Adiuntum's Clothilde,—12½ per cent of each. **He carries the blood that has produced the greatest sires and dams of the breed.** His daughters cannot be bought for $100 each; but I offer young bull calves from the same dams at $25. A few heifers and aged cows bred to Clothilde De Kol Alban $100 to $150.

RALPH CORBIN, Bainbridge, N. Y.

SPECIAL LOW PRICE
Holstein Bull Calves

Ten to 30 days old, bred right, calves right. Guaranteed.

W. B. SMITH & SON
2488 W. Broad St., Columbus, Ohio.

$ $ $ $ $ $ $ $ $ $ $

STAR FARM

HOLSTEINES

$100. Given Away $100.

Do YOU Want It?

Thousands of farmers are losing money on their cows and do not know it. Do you know how much YOU are losing on your cows?

Government statistics show average *gross income per grade cow* is only $37.00 annually. Cost of keep $40.00. Loss $3.00 per cow.

You can buy a Star Farm registered Holstein cow for	$150
Cost of keep one year	40
Interest on cost one year	9
Total for year	$199

My Star Farm cow will *make* for you *each* year:

Milk	$125
Calf	50
Total	$175

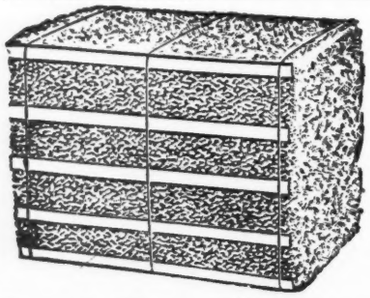
Profit on Investment 88%

$5,000 GUARANTEE ON EVERY ANIMAL SOLD

Circulars and information sent free
Address Dept. F

HORACE L. BRONSON,
Cortland, N. Y.

$ $ $ $ $ $ $ $ $ $ $



Baled Planer Shavings

THE BEST AND CHEAPEST BEDDING FOR ALL ANIMALS

For delivered price in car lots address

OSCAR SMITH & SON
ALBANY, N. Y.

In writing advertisers mention the WORLD.

FAIRVIEW HERD

Headed by Pontiac Korndyke, the greatest living sire of the age being the only living bull in the world with a 30-pound daughter. He is the sire of over 20 officially tested daughters, including Pontiac Rag Apple, 31.62 lbs. butter in 7 days and 126.56 lbs. in 30 days at 4 years. His daughters are yet young; all that have been tested were either two or three year olds, but one, and 13 official records have been made by his daughters at an average of 2 years, 11 months, 5 days, which average over 20 pounds butter each. No other bull in the world can make such a showing. A limited number of cows will be bred to this great sire during the next 12 months at a reasonable price. Terms will be quoted on application. A few bull calves sired by him, and a limited number of cows and heifers in calf to him are offered for sale now, as we must sell 30 head during the next 20 days. Write me your wants, or come and look the herd over.

E. H. DOLLAR
Heuvelton. St. Lawrence Co, N. Y.

FAIRVIEW FARM

Offers some choice young A. R. O. Cows,

of fine individuality. Out of A. R. O. dams, also a few young bull calves with extra A. R. O. backing. Herd contains over 60 head, of our own breeding. Herd headed by Aaltje Salo Mercedes De Kol Prince No. 39357. Whose dam and sire's dam have over 25¼ lbs. butter each A. R. O. at 4 years. Come and look them over. **O. J. Godfrey & Co., Pennellville, Oswego Co., N. Y.**

Springbrook Herd

offers the following sons of Lord Netherland De Kol Count, noted, Son of Lord Netherland De Kol (57 A. R. O. Daughters) and Countess Panline Paul, full sister to Pauline Paul 2nd's Count:

Fantasa s Netherland Prince, July 28th, Dam, Fantasa Carlotta, A. R. O. 12 lbs. at 2 yrs. Rosina DeKol's De Kol, Oct. 7th, Dam, Rosina De Kol, A. R. O. 16 lbs.; Korndyke Artis Duke, Dec. 25, Dam, Korndyke Artis Duchess, A. R. O. 12 lbs., at 3 years. Write for terms and pedigrees.

THEO. DE LAPORTE. RHINEBECK, NEW YORK

Just What You Want.

To improve the individuality and increase the value and productiveness of your herd, you need a GOOD REGISTERED HOLSTEIN BULL to place at its head; one whose ancestors have been show animals and producers, and whose descendents must show results. Do you want a calf to raise or an animal old enough for service? WE CAN SUPPLY YOU with either for what they are worth.

Brill Farm - = Poughquag, N. Y.

$75.00 $75.00

buys the fine two-year-old bull, EEKE PIERTEJE DE KOL PAUL 36,558.

Good individual; more white than black, nicely marked; richly bred; kind, sure and all right in every way.

Write today for extended pedigree and further particulars.

H. M. LYON & SONS,
Wyalusing, Pa.

CROWN HERD.

I now offer a very fine bull calf, five months old, more black than white nicely marked and a good handler in every way. His dam has an A. R. O. record of 16.02 lbs. butter made at 9 years. She is now 15 years old. Has given over 4,800 lbs. of milk in 4 months. Calf's sire Homestead Hengerveld Crown De Kol, No. 26345.

I. J. FOSTER, - Cortland, N. Y.

Woodcrest Farm Herd of Holstein-Friesians.

SIRES IN SERVICE.

Homestead Girl De Kol's Sarcastic Lad No. 32558; dam Homestead Girl De Kol, A. R. O. record 26.29 lbs. butter in seven days, her milk averaging 3.94 per cent. fat.

Pietje 22nd's Woodcrest Lad No. 39849. The dam of this bull is the great imported cow Pietje 22nd, No. 70884; seven day record, 673-9 lbs. milk, 31-62 lbs. butter; 30 day record 2786-4 lb.. milk, 128-38 lbs. butter; one hundred and twenty days, 9291-5 lbs milk, 395-38 lbs. butter; six months record, 13,673-9 lbs. milk, 566-60 lbs. butter.

We have a few choice young A. R. O. cows for sale bred to above sires; also bull calves and young bulls ready for service from A. R. O. dams with records of twenty pounds and better.

A. S. CHASE, Manager,
Rifton, Ulster Co., N. Y.

WELL DRILLING Machines

Over 70 sizes and styles, for drilling either deep or shallow wells in any kind of soil or rock. Mounted on wheels or on sills. With engines or horse powers. Strong, simple and durable. Any mechanic can operate them easily. Send for catalog.

WILLIAMS BROS., Ithaca, N. Y.

Hillside Stock Farm.

OFFERS FOR SALE

FIVE REGISTERED HOLSTEIN-FRIESIAN COWS

Stanton Osterhout, Cobleskill, N. Y.

HIGHLAWN FARM

AUBURN, MASS.

Breeder of High-Class Holstein-Friesian Cattle.

For catalogue and prices address F. P. KNOWLES, Auburn. Mass.

WE BREED THEM!

THE KIND YOU HEAR FROM WHEN GIVEN A CHANCE.

If you want a Service Bull of great breeding write at once to

LAWRENCE L. GROW,
Maple Lawn Stock Farm,
Fort Jackson, N. Y.

Buy 10 Cows

—AND MAKE -

$500

We will sell fashionably bred registered cows and heifers and save you 50 per cent. Must have the room. Write at once.

RIVENBURGH BROS.
HILLCREST FARM, ONEIDA, N. Y.

HOLSTEINS

High Class Advanced Registry Stock only. Best Butter families. Stock for sale. Woodside Farm, Princeton, Worcester Co., Mass.

JOHN B. MARCOU.